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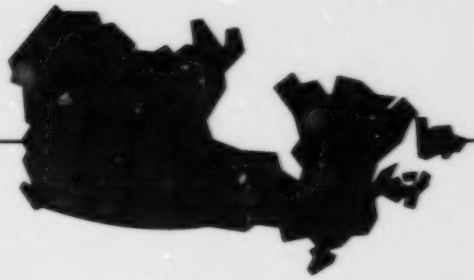
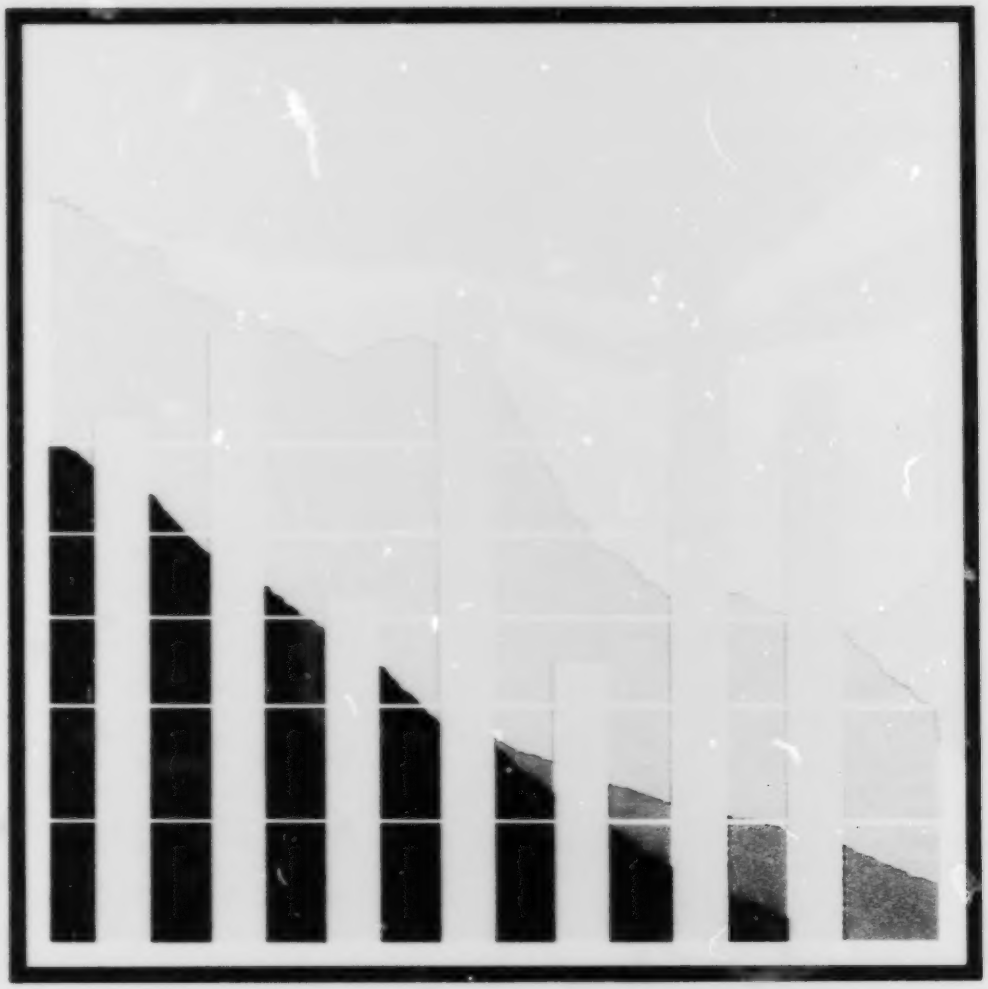
Selected Forestry Statistics Canada 1986



Information Report E-X-38
Economics Branch, Canadian Forestry Service Headquarters



FORSTATS

Canada

87-05783/

THE CANADIAN FORESTRY SERVICE
GOVERNMENT OF CANADA

The Canadian Forestry Service is the principal source of federal expertise in forestry and has been designated as the government's lead agency for forestry matters. Its general objective is to promote the wise management and use of Canada's forest resources for the economic, social, and environmental benefit of Canadians.

The following are the main functions of the CFS:

1. Coordination of federal policies, for the promotion of better resource management and forest industry development.

2. Provision of scientific and technological leadership in forestry through research and development.

3. Provision and analysis of national and international statistics and information as a basis for policy formulation.

4. Development and certification of codes and standards for wood product performance.

5. Protection of Canada's forests from foreign pests.

6. Fostering the potential use of the forest resource for energy.

7. Contributing to the environmental objectives of the Government of Canada.

Canadian Forestry Service programs are coordinated with those of other forestry agencies through a variety of mechanisms, including the Canadian Council of Forestry Ministers, the Forest Sector Strategy Committee, management committees for Federal-Provincial Forestry Development programs, national and regional Research Advisory Committees, and various technical committees for specific program areas.

The Canadian Forestry Service is comprised of a headquarters unit, six forestry centres, and two national institutes. The forestry centres are responsive to regional priorities and maintain close liaison with the respective provincial government forestry departments and other clients. They also participate in, and frequently lead, national programs. The national institutes provide the focus for programs of national scope.

FORSTATS: FORestry STATIsticS

The FORSTATS program provides current statistical information on Canada's forest resources, including periodic descriptions and analyses of forest inventory and growth; insect, disease, and fire losses; nursery production and silvicultural practice; and social and economic conditions.

FORSTATS involves the direct participation of the Canadian Forestry Service Headquarters in Ottawa, the FORSTATS project at the Petawawa National Forestry Institute at Chalk River, Ont., Pacific Forestry Centre in Victoria, B.C., Northern Forestry Centre in Edmonton, Alberta, Great Lakes Forestry Centre in Sault Ste. Marie, Ont., Laurentian Forestry Centre in Sainte-Foy, Quebec, Canadian Forestry Service - Maritimes in Fredericton, N.B., Newfoundland Forestry Centre in St. John's, Nfld., the Forest Pest Management Institute in Sault Ste. Marie, Ont., and other federal agencies. The FORSTATS program would not be possible without the cooperation of provincial agencies and the forest industry in providing data.

SELECTED FORESTRY STATISTICS
CANADA 1986

ECONOMICS BRANCH
CANADIAN FORESTRY SERVICE
GOVERNMENT OF CANADA

JUNE 1987

© Minister of Supply and Services Canada 1987

Cat. No. Fo29-7/38E
ISBN 0-662-15493-2
ISSN 0834-938X

Copies of this publication may be obtained at no charge from the following address:

Canadian Forestry Service
Place Vincent Massey, 3rd Floor
Hull, Quebec
K1A 1G5

A microfiche edition of this publication may be purchased from:

Micromedia Ltd.
158 Pearl Street
Toronto, Ontario
M5H 1L3

Cette publication est disponible en français sous le titre Recueil de statistiques forestières canadiennes 1986.

© Minister of Supply and Services Canada 1987
Cat. No. Fo29-7/38E
ISBN 0-662-15493-2

ABSTRACT

"Selected Forestry Statistics, Canada 1986" contains a series of tables on Canadian forest resources and related management activities, commodity production, shipments and trade, principal and employment statistics by industry sector, as well as selling price indexes, financial statistics, and economic indicators. Some transportation, construction, and international data have been added to complete the picture.

Over 115 tables of forest economic data at the national and provincial levels are included in the report. Data have been extracted from approximately 55 different publications. A number of charts have been included to help the reader visualize the information. In addition, the last section of this publication describes the main forestry and economic terms used in the tables. The conversion factors used to convert from imperial to metric measure and the standard symbols used are available on page V. The reader should note that the columns of figures may not always sum exactly due to rounding.

To increase the precision and facilitate the retrieval of time series data, CANSIM (a computerized data bank of Statistics Canada) was used wherever possible. The tables of commodity data were retrieved from computer tapes produced by Statistics Canada's International Trade Division and the world statistics were retrieved from a computer tape produced by the Food and Agriculture Organization of the United Nations.

As a result of a mini-survey made to evaluate the content of the publication, some tables and figures were added, modified, or relocated. A listing comparing table numbers used in 1986 and 1985 is available on page VI.

A special effort has been made to compare forestry figures with agriculture, fishing, mining, and energy. This exercise has been completed in consultation with specialists from the other departments involved. The methodology used is available on request.

Information given at the beginning of the relevant sections highlights the changes which occurred in 1986.

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RÉSUMÉ

Le Recueil de statistiques forestières canadiennes pour l'année 1986 porte sur les ressources forestières au Canada et sur les activités connexes d'aménagement, la production et les livraisons de marchandises, le marché des produits, les statistiques principales et les données sur l'emploi par secteur industriel ainsi que sur les indices des prix de vente, les statistiques financières et les indicateurs économiques. Quelques données sur le transport, la construction et la foresterie mondiale complètent ce document.

Plus de 115 tableaux de données forestières et économiques aux niveaux national et provincial sont inclus dans ce recueil. Les données proviennent d'environ 55 publications différentes. Plusieurs figures accompagnent les tableaux afin d'aider le lecteur à visualiser les renseignements. De même, la dernière section de ce recueil décrit brièvement les principaux termes forestiers et économiques utilisés dans les tableaux. Les facteurs nécessaires à la conversion des mesures impériales en mesures métriques et les signes conventionnels employés sont disponibles à la page V. Le lecteur devra remarquer que les totaux peuvent ne pas être exacts, certains chiffres étant arrondis.

Afin d'augmenter la précision des données et en faciliter l'extraction, CANSIM (la banque informatisée de séries chronologiques de Statistique Canada) a été utilisée où cela était possible. Les données sur le marché des produits ont été extraites de bandes magnétiques produites par la Division du commerce international de Statistique Canada, et les données sur la foresterie internationale proviennent d'une bande magnétique produite par l'organisation des Nations Unies pour l'alimentation et l'agriculture.

Suite à une petite enquête visant à évaluer le contenu de la publication, quelques tableaux et figures ont été ajoutés, modifiés ou relocalisés. Une liste comparant les numéros de tableaux de 1986 à ceux de 1985 est disponible en page VI.

Un effort spécial a été fait afin de comparer les chiffres pour la foresterie à ceux pour l'agriculture, les pêcheries, les mines et l'énergie. Ce travail a été complété en consultation avec les spécialistes des ministères concernés. La méthodologie utilisée est disponible sur demande.

Les renseignements fournis au début des sections soulignent les changements survenus en 1986.

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CONVERSION FACTORS

All units of measure in this publication are shown in metric only. The following table shows the factors used in converting from imperial measure to metric.

Description	Imperial (English) measure	Conversion factor (multiply by)	Metric measure
Bolts	cord	2.406 9	m^3
Flooring	MBF (thousand board feet)	2.359 74	m^3
Logs	MBF (thousand board feet)	4.53	m^3
Logs, pulpwood	cunits	2.831 68	m^3
Lumber	MBF (thousand board feet)	2.359 74	m^3
Newsprint and paper and paperboard	short ton	0.907 185	t
Newsprint and paper and paperboard	CWT (hundredweights)	0.045 36	t
Particleboard	sq ft 5/8 (square foot 5/8")	0.001 47	m^3
Plywood - softwoods	sq ft 3/8 (square foot 3/8")	0.000 884 9	m^3
- hardwoods	sq ft 1/4 (square foot 1/4")	0.000 589 9	m^3
Pulpwood - peeled	cord	2.690 10	m^3
- unpeeled	cord	2.406 93	m^3
- total	cord	2.406 93	m^3
Railway ties	number	0.038 X 2.359 74	m^3
Shingles and shakes	rfsq (roof squares)	9.290 304	m^2
Veneer - softwoods	sq ft (square foot)	0.000 295	m^3
- hardwoods	sq ft (square foot)	0.000 116	m^3
Wood chips	ton (short tons)	0.907 185	t
Wood pulp	CWTAD (hundredweights air dry)	0.045 36	t

KEY TO SYMBOLS

The standard symbols used by Statistics Canada have been adopted for use in this manual. They are as follows:

...	figures not appropriate or not applicable
..	figures not available
-	nil or zero
—	amount too small to be expressed
p	preliminary figures
x	confidential to meet secrecy requirements under the Statistics Act
e	estimated
n.e.c.	not elsewhere classified

LISTING COMPARING TABLE NUMBERS USED IN 1986 AND 1985

1986	1985	1986	1985	1986	1985
I-1	I-1	III-6	-	IV-26	IV-24
I-2	I-2	III-7	-	IV-27	IV-25
I-3	I-3	III-8	III-8	IV-28	IV-26
I-4	I-9	III-9	III-9	IV-29	IV-27
I-5	I-6	III-10	III-14	IV-30	IV-28
I-6	I-7	III-11	III-15		
I-7	I-8	III-12	-	V-1	V-1
I-8	I-10	III-13	-	V-2	-
I-9	I-11	III-14	III-10	V-3	V-2
I-10	-	III-15	III-11	V-4	V-3
I-11	-	III-16	III-12		
I-12	I-4,I-5	III-17	III-13	VI-1	VI-1
		III-18	III-16	VI-2	VI-2,VI-3
II-1	II-1	III-19	III-17		
II-2	II-2	III-20	III-3	VII-1	VII-1
II-3	II-11	III-21	III-4	VII-2	VII-3
II-4	-			VII-3	VII-2
II-5	-	IV-1	IV-1	VII-4	VII-4
II-6	II-4	IV-2	IV-2	VII-5	VII-5
II-7	II-3	IV-3	IV-3	VII-6	VII-6
II-8	II-13	IV-4	IV-4	VII-7	VII-7
II-9	II-12	IV-5	IV-5	VII-8	VII-8
II-10	-	IV-6	IV-6		
II-11	-	IV-7	IV-7	VIII-1	VIII-1
II-12	II-5	IV-8	IV-8	VIII-2	VIII-2
II-13	II-6	IV-9	II-9	VIII-3	VIII-3
II-14	II-14	IV-10	II-10		
II-15	-	IV-11	IV-9	IX-1	IX-1
II-16	II-8	IV-12	IV-10	IX-2	IX-2,IX-3
II-17	II-7	IV-13	IV-11	IX-3	IX-4
II-18	II-14	IV-14	IV-12	IX-4	IX-5
II-19	-	IV-15	IV-13	IX-5	IX-6
II-20	-	IV-16	IV-14	IX-6	IX-7
II-21	II-15	IV-17	IV-15	IX-7	IX-8
II-22	-	IV-18	IV-16	IX-8	IX-9
II-23	-	IV-19	IV-17	IX-9	IX-10
		IV-20	IV-18	IX-10	IX-11
III-1	III-1	IV-21	IV-19	IX-11	IX-12
III-2	III-5	IV-22	IV-20	IX-12	IX-13
III-3	III-7	IV-23	IV-21	IX-13	IX-14
III-4	III-6	IV-24	IV-22	IX-14	IX-15
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SUMMARY OF SELECTED FORESTRY STATISTICS, CANADA 1986

1. Land area, 1981	**916.7 million ha**
Inventoried forest land	342.5
Inventoried productive forest land	220.2
Agricultural land	65.9
2. Ownership of inventoried forest land, 1981	**342.5 million ha**
Provincial Crown	67%
Federal Crown	27%
Private	6%
3. Ownership of inventoried productive forest land, 1981	**220.2 million ha**
Provincial Crown	80%
Federal Crown	12%
Private	8%

	1979	1980	1981	1982
4. Silviculture				
Area harvested	871 728	891 435	815 415	776 638 ha
Area of site preparation	184 350	196 565	196 228	219 952
Area planted	141 730	152 585	174 124	192 278
Area directly seeded	38 385	65 007	42 593	50 309
Area stand tending	82 943	120 179	122 993	117 647
Area of pest control	2 259 611	2 152 167	2 444 922	3 189 045

	1982	1983	1984	1985
5. Fire				
No. of fires	8 941	8 930	9 217	9 357
Area burned	1 697 591	1 194 175	635 318	757 260 ha
Value lost	$196 579	$101 375	$82 573	$ 78 424 thousand
Fire fighting costs	$141 565	$100 581	$85 474	$136 140 thousand

6. Forest insect and disease conditions, 1977-1981	**107.4 million m^3**
Average annual mortality volume	60.1
Growth reduction	22.3
Wood destruction	25.0

	1979	1981	1982	1983
7. Forest management expenditures	**$ 871.6**	**$1 247.7**	..	**$1 247.8 million**
Provincial	490.5	785.6	820.0	783.9
Federal	103.2	142.6	150.8	183.6
Industry	278.0	319.5	..	280.3
Silviculture	$ 164.5	$ 272.3	..	$ 335.9 million
Forest protection	157.8	311.6	..	241.6
Access roads	284.7	265.3	..	229.6
Research	40.0	56.4	..	77.2
Other	224.6	342.1	..	363.5

SUMMARY OF SELECTED FORESTRY STATISTICS, CANADA 1986 (CONT'D)

8. Federal-provincial agreements, 1985-1986	**$142 948**	**thousand**			
Provincial	67 133				
Federal	75 814				
Site preparation and regeneration	80 789				
Other silviculture treatments	27 716				
Forest protection	1 918				
Research and forest extension	25 354				
Other activities	7 172				
	1982	1983	1984		
9. Roundwood production	**127.0**	**156.9**	**167.5**	**million m^3**	
Atlantic provinces	9%	9%	9%		
Quebec	23%	23%	22%		
Ontario	16%	15%	17%		
Prairie provinces	8%	7%	8%		
British Columbia	44%	46%	44%		
Species mix					
Softwoods	91%	92%	92%		
Hardwoods	9%	8%	8%		
	1982	1983	1984	1985	
10. Lumber production	**36.8**	**48.7**	**49.0**	**53.9**	**million m^3**
Atlantic provinces	3%	4%	4%	4%	
Quebec	17%	18%	18%	18%	
Ontario	10%	8%	9%	10%	
Prairie provinces	7%	7%	6%	7%	
British Columbia	63%	63%	63%	61%	
Species mix					
Softwoods	97%	98%	97%	97%	
Hardwoods	3%	2%	3%	3%	
	1982	1983	1984	1985	
11. Wood pulp production	**18.5**	**20.2**	**20.5**	**20.5**	**million t**
Atlantic provinces	14%	14%	16%	..	
Quebec	34%	32%	32%	31%	
Ontario	20%	21%	21%	21%	
Prairie provinces	5%	5%	5%	..	
British Columbia	27%	28%	26%	29%	
	1982	1983	1984	1985	
12. Basic paper and paperboard production	**12.5**	**13.5**	**14.4**	**14.8**	**million t**
Quebec	46%	44%	44%	43%	
Ontario	25%	26%	26%	26%	
British Columbia	15%	16%	15%	17%	
All other provinces	14%	14%	15%	14%	

SUMMARY OF SELECTED FORESTRY STATISTICS, CANADA 1986 (CONT'D)

	1982	1983	1984	1985	
13. Shipments					
Roundwood	86.4	98.7	102.4	..	million m^3
Lumber - total	35.1	44.8	46.8	..	million m^3
- softwoods	34.6	44.1	46.1	..	million m^3
Wood pulp	7.0	8.2	8.4	8.8	million t
Paper and paperboard - total	12.1	13.0	14.1	14.3	million t
- newsprint	7.7	8.4	9.0	9.0	million t

	1982	1983	1984	1985	
14. Exports of forest products	**$ 12 101**	**$ 13 218**	**$ 15 734**	**$ 16 227**	**million**
Lumber - total	2 913	3 965	4 257	4 595	
- softwoods	2 847	3 896	4 182	4 524	
Wood pulp	3 221	3 049	3 906	3 394	
Paper and paperboard - total	5 114	5 098	6 201	6 879	
- newsprint	4 086	3 956	4 784	5 407	
Other forest products	853	1 106	1 370	1 359	

	1982	1983	1984	1985	
15. Exports of forest products by region of lading (1982-1983), origin (1984-1985)	**$ 12 101**	**$ 13 218**	**$ 15 734**	**$ 16 227**	**million**
Atlantic provinces	11%	9%	11%	10%	
Quebec	27%	25	25	26	
Ontario	20	21	21	21	
Prairie provinces	4	4	4	4	
British Columbia	38	41	39	39	

	1982	1983	1984	1985	
16. Balance of trade, net flow	**$+16 674**	**$+15 005**	**$+16 924**	**$+14 327**	**million**
Forest products	+10 886	+11 620	+13 828	+14 256	
Farm products	+ 3 748	+ 3 907	+ 3 894	+ 2 457	
Fish products	+ 1 591	+ 1 563	+ 1 108	+ 1 351	
Metals and minerals	+ 6 787	+ 6 302	+ 8 245	+ 7 891	
Energy	+ 6 676	+ 8 226	+10 383	+12 082	
Chemicals and fertilizers - minerals	+ 996	+ 1 004	+ 1 163	+ 876	
Chemicals and fertilizers - non minerals	- 1 195	- 1 632	- 1 940	- 1 840	
Textiles	- 972	- 1 240	- 1 432	- 1 570	
Machinery	- 3 102	- 2 754	- 3 672	- 4 726	
Transportation and automative products	+ 2 240	+ 1 284	+ 2 506	+ 529	
Other products	-10 981	-13 275	-17 159	-16 979	

	1981	1982	1983	1984	
17. Employment in forest industries	**292**	**255**	**262**	**270**	**thousand**
Logging	48	40	46	51	
Wood industries	113	97	102	103	
Paper and allied industries	131	118	114	116	

SUMMARY OF SELECTED FORESTRY STATISTICS, CANADA 1986 (CONCLUDED)

	1981	1982	1983	1984	
18. Value of shipments of goods	**$ 28 601**	**$ 25 424**	**$ 29 326**	**$ 32 809**	**million**
Logging	4 430	3 995	4 909	5 364	
Wood industries	8 442	7 168	9 406	9 973	
Paper and allied industries	15 729	14 261	15 011	17 472	

	1981	1982	1983	1984	
19. Value added, total activity	**$ 12 295**	**$ 10 234**	**$ 12 085**	**$ 13 734**	**million**
Logging	1 883	1 650	2 152	2 191	
Wood industries	3 447	2 708	3 993	4 051	
Paper and allied industries	6 965	5 876	5 940	7 492	

	1982	1983	1984	1985	
20. Corporate income taxes paid by the forest industries	**$ 169**	**$ 180**	**$ 235**	**$ 241**	**million**
Federal income taxes	110	118	135	135	
Provincial income taxes	59	62	100	106	

	1982	1983	1984	1985p	
21. Capital and repair expenditures	**$ 3 766**	**$ 2 983**	**$ 3 438**	**$ 4 423**	**million**
Logging	403	473	541	529	
Wood industries	586	621	701	724	
Paper and allied industries	2 777	1 889	2 196	3 170	

	1982	1983	1984	
22. Forest industries contribution to Canadian gross domestic products	**2.9%**	**3.2%**	**3.1%**	
Atlantic provinces	x	x	x	
Quebec	3.8%	3.8	4.1	
Ontario	2.1%	2.2	2.2	
Prairie provinces	x	x	x	
British Columbia	7.3%	9.6	8.8	
Canadian gross domestic products at factor cost	$329 750	$360 667	$392 720	million

	1982	1983	1984	1985
23. Revenue freight loaded on railways	**200**	**207**	**240**	**238**
Forest products share	14%	16%	14%	15%

	Percent	Rank	Volume/value
24. Canada's share in world forest economy, 1984			
Softwood growing stock	14%	2rd	15 500 million m^3
Industrial softwood roundwood production	15%	3rd	145 275 thousand m^3
Softwood lumber output	14%	3rd	48 587 thousand t
Wood pulp production	15%	2nd	20 451 thousand t
Newsprint production	31%	1st	9 014 thousand t
Value of exports of forest products	23%	1st	11 519 million US $

SECTION I

CANADIAN FOREST RESOURCES AND RELATED MANAGEMENT ACTIVITIES

Forest Biomass Inventory: The federal ENFOR program, in cooperation with the Canadian Forestry Service and provincial forestry agencies, has worked toward the completion of the Forest Biomass Inventory to provide a better knowledge of forest biomass quantities, their form and location across Canada.

Forest Fire: The Forest Fire Statistics are reported by the Canadian forest fire management agencies. Data limitations preclude the direct responsibility of fire effects on forest inventories and commercial timber supplies. In the absence of content-specific volumetric data, broad resolution area-based statistics are relied upon.

Forest Insects and Diseases: The Forest Insect and Disease Survey (FIDS) is a nationally coordinated program of six regional FIDS units and the new FIDS Technology Development Project. Activities are managed by the regional CFS establishments. The program provides perspectives on insects and diseases, as well as acid rain, to forest managers, quarantine agencies, researchers, educators, and the public. In cooperation with those responsible for improving forest inventory and economic data in Canada, the survey is attempting to provide more quantitative and interpretive data on damage and depletion caused by forest pests.

Forest Inventory: Through the Canadian Forest Inventory Committee, the Canadian Forestry Service works in close cooperation with provincial forest agencies, to discuss and make recommendations on forest inventory procedures, and to acquire data for national summaries on topics such as inventory type, ownership, status, productivity, site quality, stocking, disturbance, age, and forest types.

Forest Management Expenditures: The Forest Management Expenditures Survey is a co-operative effort between the Canadian Pulp and Paper Association and the Canadian Forestry Service. It provides information on the level of funding for forest management activity by government and the forest industry in Canada. In this context, forest management includes the whole range of activities from regeneration through to stand improvement, protection, research, and support services, such as forest inventory and nursery infrastructure. Access roads are also included.

Forest Tree Production: The Forest Tree Production Survey deals with the operations of federal, provincial, industrial, and private commercial production centres producing bare-root and containerized forest tree seedlings primarily for reforestation of harvested land. It is prepared with the assistance of representatives of provincial forestry agencies, the forest industry, and private sector growers across Canada.

Silviculture: The practice of silviculture in Canada is a provincial responsibility for the majority of publicly owned forest lands in Canada. The federal role, coordinated by the Canadian Forestry Service, is supportive through silviculture research, technology transfer, and financial assistance for reforestation, stand tending, and pest control programs under specific federal-provincial agreements.

I - 1. AREA CLASSIFICATION BY CLASS AND PROVINCE, 1981

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Y.T.	N.W.T.	Canada
							1 000 000 ha								
A. Forest land															
Inventoried	14.2	0.3	4.1	6.5	25.1	62.4	43.2	24.0	12.3	33.1	69.4	56.6	24.2	61.5	342.5
Productive	8.5	0.3	2.9	6.2	17.9	53.3	37.7	14.0	8.9	21.6	44.5	45.8	6.7	14.3	220.2
Unproductive	5.7	-	1.2	0.3	7.2	9.1	5.5	10.0	3.4	11.5	24.9	10.8	17.5	47.2	122.3
Not inventoried	-	-	-	-	-	31.6	37.5	10.9	5.5	1.8	18.2	6.7	-	-	94.0
Productive	-	-	-	-	-	31.6	4.9	-	-	1.8	1.8	5.7	-	-	44.0
Unproductive	-	-	-	-	-	-	32.6	10.9	5.5	-	16.4	1.0	-	-	50.0
Total	14.2	0.3	4.1	6.5	25.1	94.0	80.7	34.9	17.8	34.9	87.6	63.3	24.2	61.5	436.4
B. Other lands, water and total area															
Nonforest land	22.9	0.3	1.2	0.7	25.1	41.7	8.4	19.9	39.2	29.5	88.6	29.8	23.6	263.1	480.3
Agricultural	-	0.3	0.5	0.4	1.2	3.8	6.0	7.6	26.0	19.1	52.7	2.2	-	-	65.9
Other	22.9	-	0.7	0.3	23.9	37.9	2.4	12.3	13.2	10.4	35.9	27.6	23.6	263.1	414.4
Total land	37.1	0.6	5.3	7.2	50.2	135.7	89.1	54.8	57.0	64.4	176.2	93.1	47.8	324.6	916.7
Water	3.4	-	0.3	0.2	3.9	18.4	17.7	10.2	8.2	1.7	20.1	1.8	0.4	13.3	75.5
Total area	40.5	0.6	5.5	7.3	53.9	154.1	106.9	65.0	65.2	66.1	196.3	94.9	48.2	338.0	992.2

Source: Bonnor, G.M. Canada's Forest Inventory 1981. Forestry Statistics and Systems Branch, Canadian Forestry Service.

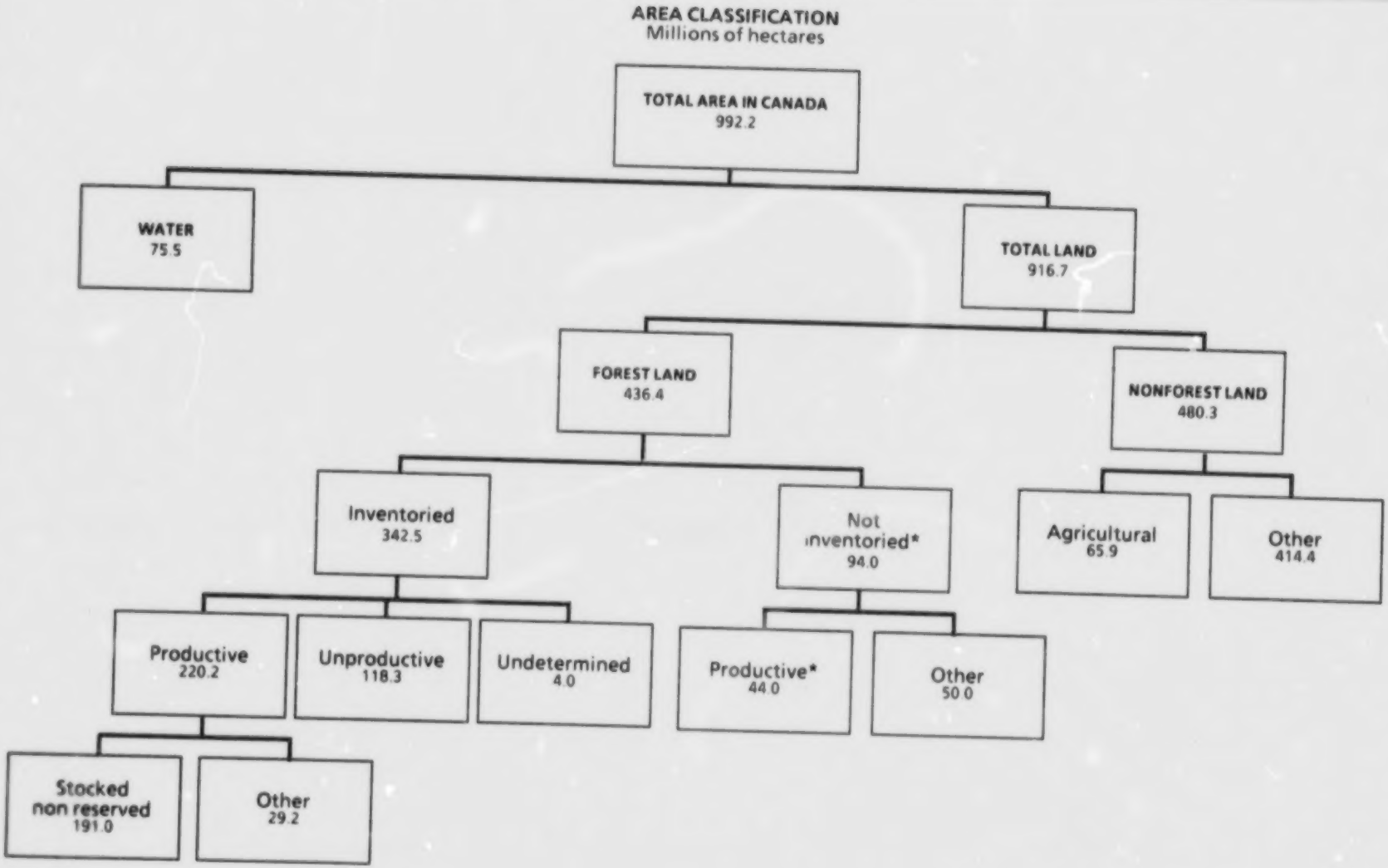

Figure 1. Area classification in Canada, 1981.

Source: Canada's Forest Inventory 1981. Canadian Forestry Service and provincial estimates (*).

I - 2. INVENTORIED FOREST LAND BY OWNERSHIP, CLASS, AND PROVINCE, 1981

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Y.T.	N.W.T.	Canada
								1 000 000 ha							
A. Inventoried, stocked, productive, nonreserved forest land															
Provincial	7.5	-	0.6	2.8	10.9	43.0	29.3	11.3	7.2	13.3	31.8	39.7	-	-	154.9
Federal[a]	-	-	-	0.1	0.1	0.1	0.3	0.1	0.2	-	0.3	0.2	4.9	13.7	19.7
Private	0.4	-	2.2	3.0	5.6	5.7	3.4	0.4	-	-	0.4	1.4	-	-	16.4
Municipal/ Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	7.9	-	2.8	5.9	16.6	48.9	33.1	11.8	7.4	13.3	32.5	41.3	4.9	13.7	191.0
B. Inventoried productive forest land															
Provincial	7.9	-	0.6	2.9	11.4	46.9	33.1	13.2	8.4	19.9	41.5	43.7	-	-	176.7
Federal	0.1	-	-	0.2	0.3	0.2	0.6	0.3	0.5	1.7	2.5	0.5	6.7	14.3	25.2
Private	0.4	-	2.2	3.1	5.7	6.3	3.9	0.4	-	-	0.4	1.6	-	-	18.0
Municipal/ Undetermined	-	0.3	-	-	0.3	-	-	-	-	-	-	-	-	-	0.3
Total	8.5	0.3	2.9	6.2	17.9	53.3	37.7	14.0	8.9	21.6	44.4	45.8	6.7	14.3	220.2
C. Inventoried forest land															
Provincial	13.5	-	1.1	3.1	17.7	55.6	38.1	23.1	11.8	29.7	64.6	54.3	-	-	230.3
Federal	0.2	-	0.1	0.2	0.5	0.2	0.7	0.4	0.5	3.4	4.3	0.6	24.2	51.5	91.9
Private	0.6	-	2.9	3.2	6.7	6.6	4.3	0.5	-	-	0.5	1.7	-	-	19.9
Municipal/ Undetermined	--	0.3	-	-	0.3	-	--	--	-	--	-	--	-	-	0.4
Total	14.2	0.3	4.1	6.5	25.1	62.4	43.2	24.0	12.3	33.1	69.4	56.6	24.2	61.5	342.5

[a]The federal lands are divided as follow:

Yukon and N.W.T.	18 658 350 hectares,
Indian reserves	995 203 hectares,
National defence	190 492 hectares,
Forest experiment stations	8 170 hectares,
Other	39 724 hectares,
Total	19 891 939 hectares.

Source: Bonnor, G.M. Canada's Forest Inventory 1981 and Forest Harvest on Federal Lands 1976-1981. Canadian Forestry Service.

1 - 3. GROSS MERCHANTABLE VOLUME OF WOOD ON INVENTORIED, STOCKED, PRODUCTIVE, NONRESERVED FOREST LAND BY PROVINCE, 1981

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Y.T.	N.W.T.	Canada
A. Age class (1 000 000 m^3)															
Regeneration	-	-	1	-	1	160	17	-	-	1	1	1	-	-	180
Immature	-	-	12	154	166	1 149	2 151	371	-	979	1 350	1 569	209	144	6 738
Mature	69	-	139	353	561	2 824	467	239	-	326	565	6 272	40	301	11 030
Overmature	42	-	28	8	78	-	563	25	-	110	135	-	-	1	777
Uneven-aged	-	-	22	1	23	-	-	-	-	-	-	-	-	-	23
Undetermined	352	33	-	-	385	-	-	-	484	22	506	-	5	-	896
Total	**463**	**33**	**202**	**516**	**1 214**	**4 133**	**3 198**	**635**	**484**	**1 438**	**2 557**	**7 842**	**254**	**446**	**19 644**
B. Species group (1 000 000 m^3)															
Softwoods	**429**	**22**	**137**	**338**	**926**	**3 089**	**2 075**	**439**	**293**	**781**	**1 513**	**7 438**	**214**	**315**	**15 570**
Spruce	47	12	76	154	289	1 781	1 292	258	174	395	827	1 927	-	-	6 116
Pine	-	--	13	20	33	226	553	161	110	344	615	1 614	-	-	3 041
Fir	47	8	38	118	211	977	157	10	5	33	48	1 322	-	-	2 715
Hemlock	-	--	8	6	14	25	12	-	-	-	-	1 173	-	-	1 224
Cedar	-	1	-	37	38	70	49	1	-	-	1	626	-	-	784
Douglas-fir	-	-	-	-	-	-	-	-	-	9	9	605	-	-	614
Unspecified	335	1	2	3	341	10	12	9	4	--	13	171	214	315	1 076
Hardwoods	**34**	**11**	**65**	**178**	**288**	**1 044**	**1 123**	**196**	**191**	**657**	**1 044**	**404**	**40**	**131**	**4 074**
Aspen/poplar	2	2	6	33	43	255	609	172	175	657	1 004	337	-	-	2 248
Birch	14	3	-	46	63	483	337	19	14	-	33	41	-	-	957
Maple	--	5	37	76	118	236	139	-	1	-	1	5	-	-	499
Unspecified	18	1	22	23	64	70	38	5	1	-	6	21	40	131	370
Total	**463**	**33**	**202**	**516**	**1 214**	**4 133**	**3 198**	**635**	**484**	**1 438**	**2 557**	**7 842**	**254**	**446**	**19 644**
C. Biomass on nonreserved forest land (1 000 000 t)															
Productive	347	29	315	532	1 223	3 660	3 086	747	638	1 916	3 301	8 798	189	442	20 700
Unproductive	424	1	10	10	445	621	1 123	364	432	230	1 026	708	11	672	4 606
Total	**770**	**30**	**325**	**542**	**1 667**	**4 281**	**4 209**	**1 111**	**1 070**	**2 146**	**4 327**	**9 506**	**199**	**1 114**	**25 306**

Source: Bonnor, G.M. Canada's Forest Inventory 1981 and Inventory of Forest Biomass in Canada 1985. Canadian Forestry Service.

1 - 4. STATISTICS ON PLANTING STOCK FOR REFORESTATION PURPOSES BY SOURCE AND PROVINCE, 1984-1986

Province or territory	Number of production centers		Area available for production[a]	Seedling production			Targeted seedling production by source 1986 (%)			
				Trees shipped 1984	Planned production 1985	Planned production 1986				
	1984	1985		000			Federal	Provincial	Industry	Private
A. Containerized seedling production										
Nfld.	3	3	3 204	2 439	3 165	3 165	-	100.0	-	-
P.E.I.	1	1	3 717	1 214	1 675	2 000	-	100.0	-	-
N.S.	8	8	27 407	12 073	23 900	29 754	-	64.4	19.1	16.5
N.B.	9	10	53 316	39 802	54 391	54 411	-	61.2	38.3	0.5
Que.	15	8	126 870	21 500	35 000	99 000	-	50.5	-	49.5
Ont.	32	36	77 979	81 458	78 731	88 996	-	9.1	-	90.9
Man.	2	2	6 582	3 722	7 688	10 360	-	100.0	-	-
Sask.	-	1	1 134	-	765	1 530	-	100.0	-	-
Alta.	5	5	27 115	15 139	23 740	23 750	-	75.8	12.6	11.6
B.C.	26	37	240 395	74 702	155 338	241 598	-	46.6	7.6	45.8
Total	**101**	**111**	**567 719**	**252 049**	**384 393**	**554 554**	-	**46.6**	**8.6**	**44.8**
B. Bare-root seedling production										
Nfld.	1	1	40	3 242	7 000	9 000	-	100.0	-	-
P.E.I.	1	1	20	315	390	400	-	100.0	-	-
N.S.	2	2	99	4 600	4 400	6 500	-	100.0	-	-
N.B.	2	2	126	14 300	13 000	13 000	-	26.9	73.1	-
Que.	8	8	387	47 400	66 500	61 000	-	86.9	-	13.1
Ont.	11	11	761	59 938	71 151	68 875	-	98.3	1.7	-
Man.	1	1	38	2 700	4 500	4 500	-	100.0	-	-
Sask.	4	4	151	10 647	11 365	18 159	-	100.0	-	-
Alta.	2	2	100	9 600	14 200	12 300	-	97.6	-	2.4
B.C.	11	10	853	53 329	53 696	51 450	-	80.1	9.7	10.2
Total	**43**	**42**	**2 575**	**206 071**	**246 202**	**245 184**	-	**88.1**	**6.4**	**5.5**

[a]Containerized seedling: square metres; bare-root seedling: hectares.

Source: Smyth, J.H.; Brownwright, A.J. Forest Tree Production Centres in Canada - 1984. Canadian Forestry Service.

I - 5. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982

Activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
A. Area harvested												
Clear-cut (ha)[a]	1975	15 700	1 600	27 260	94 400	104 609	140 896	15 700	13 814	20 256	133 277	568 330[b]
	1976	14 700	1 600	26 285	92 800	140 106	114 171	17 000	9 727	19 060	147 897	583 846[b]
	1977	14 300	1 600	28 335	86 500	159 045	121 930	18 000	14 231	21 450	140 169	606 498[b]
	1978	17 600	1 600	32 120	89 200	185 908	141 381	20 000	14 909	22 103	168 820	694 633[b]
	1979	17 700	1 780	33 703	100 000	208 498	160 147	24 600	20 396	24 689	157 395	724 937[b]
	1980	15 175	2 500	35 000	85 900	199 920	217 157	24 600	20 746	23 042	156 786	781 626[b]
	1981	13 454	2 700	35 000	65 500	204 000	202 786	18 900	19 690	20 517	125 148	708 643[b]
	1982	8 000	2 700	35 000	72 445	159 120	200 337	20 400	19 700	27 029	134 430	679 631[b]
Total harvesting (ha)[a]	1975	15 700e	1 600	27 260	94 400e	135 094	196 760	15 700e	13 814	20 256	156 976	678 886[b]
	1976	14 700e	1 600	26 285	92 800e	181 737	156 721	17 000e	9 727	19 060	175 952	696 538[b]
	1977	14 300e	1 600	28 335	86 500e	193 295	187 993	18 000e	14 231	21 450	166 081	733 220[b]
	1978	17 600e	1 600	32 120	89 200e	226 127	194 998	20 000e	14 909	22 103	196 533	816 818[b]
	1979	17 700e	1 780	33 703	100 000e	241 826	218 578	24 600	20 396	24 689	187 547	871 728[b]
	1980	15 175	2 500e	36 439	85 900e	245 000	242 679	24 600	20 746	29 762[c]	187 834	891 435
	1981	13 454	2 700e	36 429	65 500e	250 000	227 603	18 900	19 690	32 302	147 889	815 415
	1982	8 000	2 700e	35 710	72 445e	195 000	222 921	20 400	19 700e	37 120	162 172	776 638
B. Area of site preparation												
Prescribed burning (ha)	1975	-	-	-	300	-	-	-	-	-	60 615	60 915
	1976	-	-	-	500	-	-	-	-	-	61 759	62 259
	1977	-	-	-	400	-	2 949	-	-	-	29 942	33 291
	1978	-	-	-	1 000	-	4 247	-	-	-	33 460	38 707
	1979	-	-	-	1 500	-	4 163	-	-	-	47 468	53 131
	1980	15	-	-	656	-	2 362	-	-	217	26 896	30 246
	1981	76	-	129	2 284	-	2 409	-	-	-	18 372	23 270
	1982	8	70	65	1 952	-	5 277	-	-	-	29 993	37 365
Scarification (ha)	1975	-	-	595	9 800	3 008	45 231	3 965	1 322	15 822	13 194	92 937
	1976	-	48	634	10 500	2 570	39 157	4 038	2 820	14 944	15 490	90 201
	1977	28	-	850	13 500	7 555	42 357	4 080	1 883	18 905	18 227	107 385
	1978	320	16	2 608	15 000	8 478	40 307	4 342	4 530	18 635	17 948	112 184
	1979	1 508	566	2 255	16 802	14 217	45 736	3 823	5 501	14 536	19 827	124 771
	1980	235	566	1 952	16 591	6 993	50 624	3 836	7 056	15 587	20 529	123 969
	1981	1 097	280	1 879	20 374	6 904	51 683	4 161	7 125	18 721	20 758	132 982
	1982	1 782	412	1 118	12 231	11 792	60 527	3 627	12 966	26 566	18 892	149 913

I - 5. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982 (CONTINUED)

Activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
B. Area of site preparation (continued)												
Other site preparation	1975	-	-	-	-	-	-	-	945	-	-	945
	1976	-	-	-	-	-	-	-	2 897	-	-	2 897
	1977	-	-	-	-	-	2 655	-	2 022	-	-	4 677
	1978	-	-	-	-	1 061	4 152	101	1 804	-	-	7 118
	1979	-	-	-	198	552	3 491	533	1 450	-	-	6 224
	1980	29	-	6 058	7 679	6 910	3 634	219	-	52	17 769	42 350
	1981	144	9	6 837	4 726	9 248	3 065	-	-	184	15 763	39 976
	1982	66	29	6 227	4 418	3 008	5 180	-	-	-	13 746	32 674
Total site preparation (ha)	1975	-	-	595	10 100	3 008	45 231	3 965	2 267	15 822	73 809	154 797
	1976	-	48	634	11 000	2 570	39 157	4 038	5 717	14 944	77 249	155 357
	1977	28	-	850	13 900	7 555	47 961	4 080	3 905	18 905	48 169	145 353
	1978	320	16	2 608	16 000	9 539	48 706	4 443	6 344	18 635	51 408	158 009
	1979	1 508	566	2 255	18 500	14 769	53 390	4 356	6 951	14 536	67 295	184 350
	1980	379	556	8 010	24 926	13 903	56 620	4 055	7 056	15 856	65 194	196 565
	1981	1 317	289	8 845	27 384	16 152	57 157	4 161	7 125	18 905	54 893	196 228
	1982	1 856	511	7 410	18 601	14 800	70 984	3 627	12 966	26 566	62 631	219 952
C. Area planted												
Bare-root area (ha)	1975	-	40	980	5 300	15 905	27 284	573	3 402	1 818	50 440	105 742
	1976	-	40	777	5 450	15 271	24 165	743	3 928	761	44 171	95 306
	1977	-	40	1 359	5 200	16 348	24 101	738	6 063	180	32 012	86 041
	1978	-	54	1 907	8 100	14 026	25 189	917	6 004	110	34 740	91 047
	1979	-	44	888	8 500	14 039	26 693	470	4 943	-	40 534	96 111
	1980	200	176	1 244	8 943	13 828	27 146	567	3 352	526	42 265	98 247
	1981	1 074	25	2 567	7 071	14 733	31 473	3 445	6 000	4 152	31 577	102 117
	1982	-	73	1 312	7 922	15 696	30 278	1 817	5 838	4 999	34 217	102 152
Bare-root seedlings (000)	1975	-	100	2 495	13 096	36 582	45 984	1 335	4 598	2 273	58 257	164 720
	1976	-	100	1 925	13 467	35 124	41 927	2 068	5 378	952	48 334	149 275
	1977	-	100	3 125	12 849	37 601	43 343	1 406	8 191	234	34 317	141 166
	1978	-	135	3 045	20 015	32 259	52 928	1 217	9 841	129	38 122	157 691
	1979	-	110	2 910	21 004	32 289	61 453	1 293	9 195	-	48 040	176 294
	1980	500	381	2 567	19 835	34 573	65 360	1 164	6 200	203	49 737	180 520
	1981	2 243	63	6 915	16 376	35 221	69 448	4 000	11 100	6 084	37 173	188 623
	1982	-	177	3 616	11 250	37 579	63 660	3 772	10 800	6 446	40 261	177 561

I - 5. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982 (CONTINUED)

Activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
C. Area planted (continued)												
Container area (ha)	1975	-	80	445	1 375	-	2 766	543	152	4 198	12 638	**22 197**
	1976	-	80	453	2 600	58	2 005	303	511	4 038	15 990	**26 038**
	1977	-	80	972	4 407	196	2 406	94	168	5 304	23 729	**37 356**
	1978	-	40	1 383	2 600	53	2 360	303	587	7 035	23 529	**37 890**
	1979	184	40	1 788	7 200	23	4 137	100	740	8 264	23 143	**45 619**
	1980	160	247	2 496	13 095	13	4 934	195	757	11 030	21 410	**54 337**
	1981	779	465	2 518	15 050	1 142	6 634	689	865	8 837	35 028	**72 007**
	1982	802	402	2 918	14 536	1 381	7 564	386	432	13 108	48 578	**90 107**
Container seedlings (000)	1975	-	200	1 100	3 398	-	4 791	1 266	153	5 247	14 564	**30 719**
	1976	-	200	1 120	6 425	132	3 589	842	759	5 045	17 498	**35 610**[b]
	1977	-	200	2 401	10 890	450	4 381	180	322	6 633	25 438	**50 895**
	1978	-	100	3 416	6 425	122	5 487	402	1 174	8 218	25 211	**50 555**
	1979	460	100	4 416	17 791	54	7 945	275	1 209	10 329	26 932	**69 511**
	1980	398	588	5 514	30 951	29	10 497	400	1 400	14 184	25 235	**89 196**
	1981	1 625	1 150	6 906	36 061	2 456	13 951	800	1 600	11 730	41 127	**117 406**
	1982	1 803	996	7 541	28 842	2 881	16 465	800	800	17 262	57 442	**134 832**
Total area planted (ha)	1975	-	120	1 425	6 675	15 905e	30 050	1 116	3 554	6 016	63 078e	**127 939**
	1976	-	120	1 230	8 050	15 329e	26 170	1 046	4 439	4 799	60 161e	**121 344**
	1977	-	120	2 331	9 607	16 544e	26 507	832	6 231	5 484	55 741e	**123 397**
	1978	-	94	3 290	10 700	14 079e	27 549	1 220	6 591	7 145	58 269e	**128 937**
	1979	184	84	2 676	15 700	14 062e	30 830	570	5 683	8 264	63 677e	**141 730**
	1980	360	423	3 740	22 038	13 841	32 080	762	4 109	11 556	63 675e	**152 585**
	1981	1 853	490	5 085	22 121	15 875	38 107	4 134	6 865	12 989	66 605e	**174 124**
	1982	802	475	4 230	22 458	17 077	37 842	2 203	6 270	18 107	82 795e	**192 259**
Total seedlings planted (000)	1975	-	300	3 595	16 494	36 582	50 775e	2 601	4 751	7 520	72 821	**195 439**
	1976	-	300	3 045	19 892	35 256	45 516e	2 910	6 137	5 997	65 832	**184 885**
	1977	-	300	5 526	23 739	38 051	47 724e	1 586	8 513	6 867	59 755	**192 061**
	1978	-	235	6 461	26 440	32 381	58 415	1 619	11 015	8 347	63 333	**208 246**
	1979	460	210	7 326	38 795	32 343	69 398	1 568	10 404	10 329	74 972	**245 805**
	1980	898	969	8 081	50 786	34 602	75 857	1 564	7 600	14 387	74 972	**269 716**
	1981	3 868	1 213	13 821	52 437	37 677	83 399	4 800	12 700	17 814	78 300	**306 029**
	1982	1 803	1 173	11 157	40 092	40 460	80 125	4 572	11 600	23 708	97 703	**312 393**

I - 5. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982 (CONCLUDED)

Activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
D. Area directly seeded (ha)												
	1975	-	-	-	125	5 693	23 510	223	-	7 906	-	37 457
	1976	-	-	10	550	1 810	27 039	199	-	6 470	-	36 078
	1977	-	-	1	393	3 373	28 791	61	-	7 668	-	40 287
	1978	-	-	127	-	5 703	23 582	126	-	5 416	-	34 954
	1979	-	-	77	-	6 744	24 251	2 774	-	4 539	-	38 385
	1980	36	-	-	-	9 949	47 294	1 093	-	6 635	-	65 007
	1981	54	-	-	172	9 525	27 869	272	-	4 701	-	42 593
	1982	230	-	55	9	14 506	29 991	118	-	5 400	-	50 309
E. Area of stand tending (ha)												
	1975	251	-	1 334	-	..	33 277	562[d]	-	143[g]	1 841	37 408
	1976	236	-	1 625	-	..	38 324	377[d]	-	906[g]	9 733	51 201
	1977	2 340	-	2 146	1 032	..	52 850	558[d]	-	123[g]	23 435	82 484
	1978	2 327	-	2 504	1 807	..	48 269	624[d]	-	152[g]	26 586	82 269
	1979	2 790	20	3 556	3 436	..	39 228	220[d]	142[f]	272[g]	33 279	82 943
	1980	33	49	7 451	18 924	10 829	51 036	263[d]	367[f]	350[g]	30 877	120 179
	1981	2 615	353	9 264	17 618	12 686	41 444	-	369[f]	967[g]	37 677	122 993
	1982	3 901	1 112	5 923	18 263	6 446	54 506	-	68[f]	1 397[g]	26 031	117 647
F. Area of pest control (ha)												
	1975	-	-	-	2 695 000	2 800 000[e]	14 167	-	-	-	1 785	5 510 952
	1976	-	-	-	3 881 000	2 900 000[e]	41 060	-	-	-	2 667	6 824 727
	1977	76 910	-	556	1 682 000	1 400 000[e]	10 522	-	-	-	2 384	3 172 372
	1978	376 600	-	25 670	1 554 000	1 200 000[e]	4 085	-	-	-	2 908	3 163 263
	1979	5 870	-	30 752	1 598 000	600 000[e]	22 702	-	-	-	2 287	2 259 611
	1980	-	-	25 670	1 900 000	188 511	36 422[h]	-	-	-	1 564	2 152 167
	1981	-	-	31 195	1 693 000	705 164	11 733	-	-	-	3 830	2 444 922
	1982	-	-	19 153	1 867 570	1 298 495	3 827	-	-	-	-	3 189 045

[a]Crown land only.
[b]Canada totals includes Yukon and Northwest Territories.
[c]In 1980-81, 1981-82 and 1982-83, 6 720, 11 785, 10 091 hectares were cleared of aspen under a special stand conversion program and were not harvested in the commercial sense.
[d]Thinning only.
[e]Estimated.
[f]Mostly manual weeding.
[g]Mostly thinning.
[h]Includes herbicides and pesticides.

Source: Kuhnke, D.H. and Brace, L.G. Silviculture statistics for Canada, 1975-76 to 1982-83, Canadian Forestry Service.

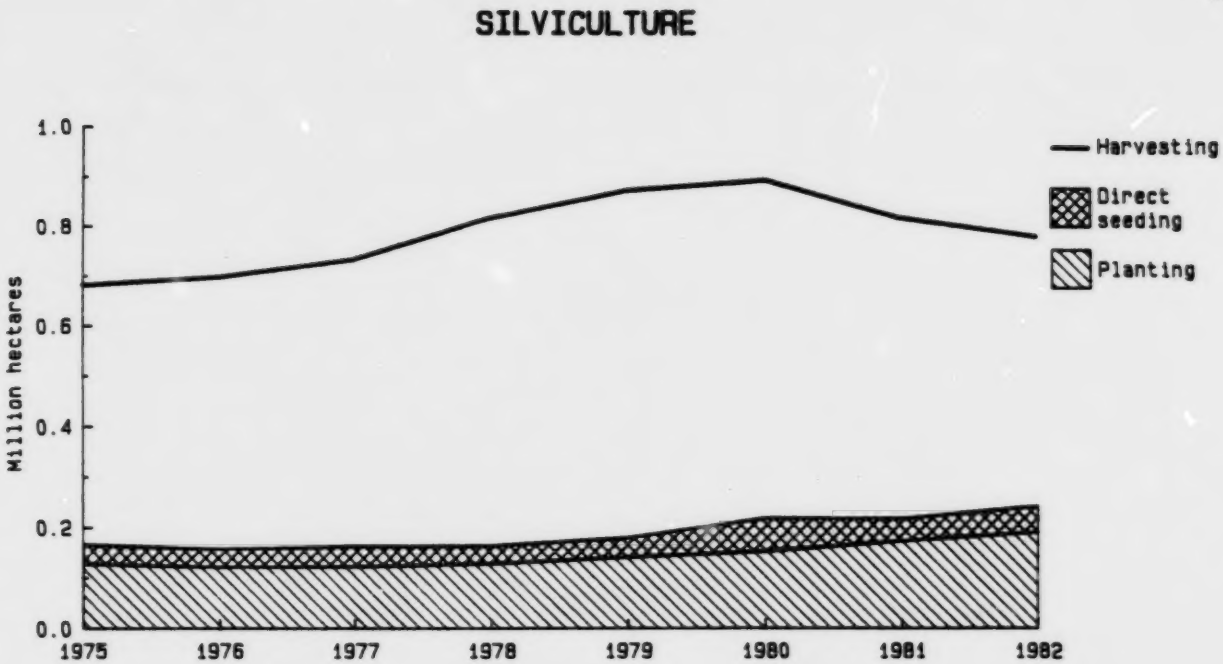

Figure 2. Harvesting compared to planting and direct seeding in Canada, 1975-1982.

Source: Silviculture statistics for Canada 1975-76 to 1982-83, Canadian Forestry Service.

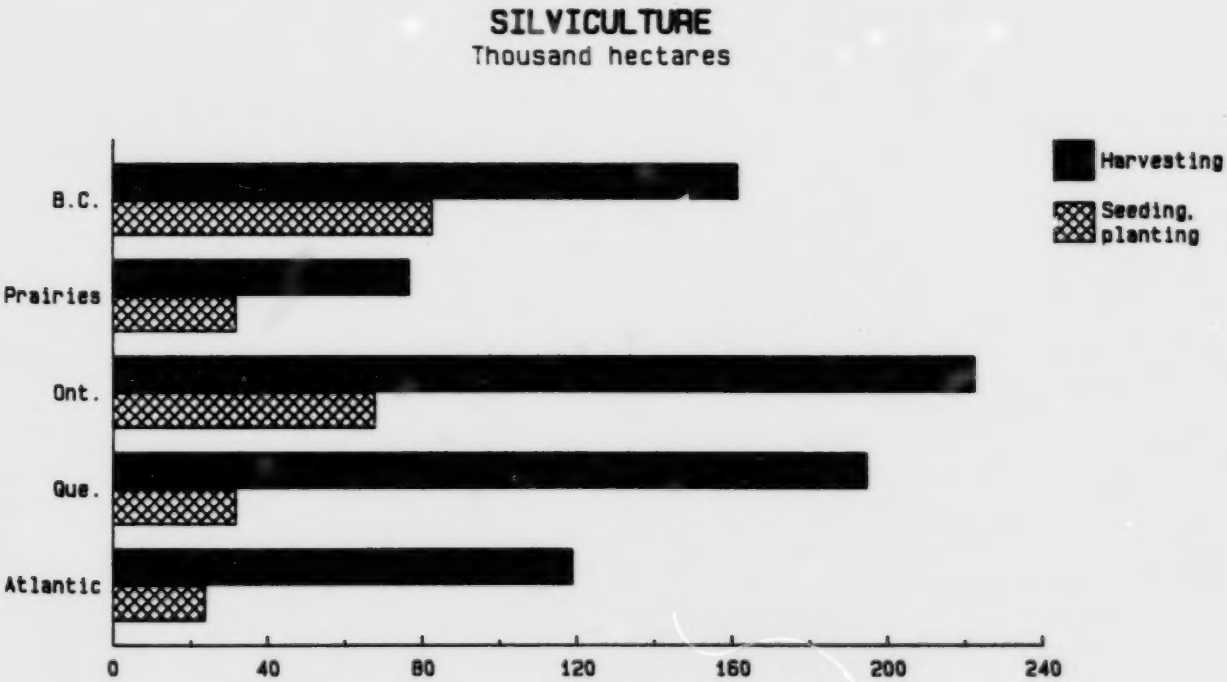

Figure 3. Harvesting compared to artificial regeneration by region, 1982.

Source: Silviculture statistics for Canada 1975-76 to 1982-83, Canadian Forestry Service.

I - 6. FOREST FIRE STATISTICS BY PROVINCE, 1980-1985

Province or territory	No. of fires[a]	Area burned (ha)	Value lost	Fire control expenditure: Budgeted costs	Fire control expenditure: Fire fighting costs
			----------	$000	----------
Newfoundland					
1980	60	954	120	3 250	420
1981	131	13 087	698	2 400	665
1982	165	4 392	60	3 300	130
1983	138	16 792	24	3 428	50
1984	101	7 743	..	1 735	592
1985	289	153 115	7 156	1 748	2 247
Prince Edward Island					
1980	16	67	..	..	..
1981	40	146	6	9	13
1982	53	131	10	25	..
1983	55	321	15	24	..
1984	38	202	4	30	34
1985	52	181	5	165	177
Nova Scotia					
1980	439	953	..	1 924	300
1981	449	370	..	1 226	120
1982	491	617	..	585	186
1983	332	449	..	624	159
1984	446	594	..	..	250
1985	583	1 077	..	2 722	304
New Brunswick					
1980	389	2 815	887	339	770
1981	275	389	342	425	263
1982	487	6 537	3 677	486	3 010
1983	456	1 852	2 093	1 072	2 229
1984	395	580	79	1 186	517
1985	851	4 144	1 751	410	1 045
Quebec					
1980	947	31 573	847[b]	19 170	1 869
1981	1 114	2 480	343	20 775	2 369
1982	1 202	7 970	886	19 800	3 249
1983	1 653	238 903	26 430	23 200	11 803
1984	683	3 082	262	22 800	1 100
1985	880	2 697	266	26 087	1 831
Ontario					
1980	1 779	560 325	72 094	20 708	56 183
1981	1 656	179 473	9 171	26 800	2 700
1982	1 396	3 892	117	24 800	16 999
1983	2 244	443 655	15 583	24 500	20 000
1984	1 240	297 564	1 440	26 000	7 500
1985	887	1 007	389	20 900	2 500

I - 6. FOREST FIRE STATISTICS BY PROVINCE, 1980-1985 (CONTINUED)

Province or territory	No. of fires[a]	Area burned (ha)	Value lost	Fire control expenditure: Budgeted costs	Fire control expenditure: Fire fighting costs
			----------	$000	----------
Manitoba					
1980	1 082	514 292	109 431	3 031	7 155
1981	712	396 454	60 789	1 000	7 353
1982	425	15 444	2 225	8 461	2 725
1983	535	99 153	5 773	8 500	8 259
1984	692	130 189	12 940	7 600	7 337
1985	346	11 823	1 437	7 800	1 634
Saskatchewan					
1980	743	1 348 792	17 603	790	15 311
1981	965	1 647 971	538 531	780	21 995
1982	596	64 586	..	1 082	8 250
1983	437	52 172	35 583	8 000	7 589
1984	549	13 036	59 239	9 020	14 724
1985	520	110 128	29 350	7 964	9 109
Alberta					
1980	1 348	672 460	115 349	7 829	37 341
1981	1 522	1 365 600	186 998	22 198	51 830
1982	1 256	679 683	138 015	32 684	55 912
1983	756	2 818	309	19 075	16 214
1984	1 370	79 966	3 129	19 658	7 804
1985	939	12 920	1 986	27 266	9 234
British Columbia					
1980	1 743	65 578	21 526	7 718	18 024
1981	2 737	106 593	12 857	6 995	39 223
1982	2 205	348 693	43 890	6 456	42 258
1983	1 705	67 365	12 309	50 000	24 800
1984	3 063	19 908	4 295	46 000	37 500
1985	3 604	234 647	33 849	45 345	101 479
Yukon					
1980	150	130 781	6 914	2 855	2 045
1981	91	35 159	1 726	4 428	3
1982	204	254 891	5 994	3 792	532
1983	198	43 006	1 672	5 746	1 478
1984	168	19 895	967	5 900	1 300
1985	110	15 131	1 211	5 500	676
Northwest Territories					
1980	345	1 214 396	7 030	3 750	11 800
1981	311	984 932	6 266	3 800	7 582
1982	357	302 150	1 705	4 200	7 283
1983	337	226 841	1 585	9 667	7 700
1984	311	41 074	219	5 495	4 800
1985	150	204 745	1 024	5 600	3 513

I - 6. FOREST FIRE STATISTICS BY PROVINCE, 1980-1985 (CONCLUDED)

Province or territory	No. of fires[a]	Area burned (ha)	Value lost	Fire control expenditure: Budgeted costs	Fire control expenditure: Fire fighting costs
			----------	$000	----------
National Parks					
1980	100	279 164	30	--	3 370
1981	142	680 711	..	2 629	1 769
1982	104	8 605	..	1 385	1 031
1983	84	848	..	1 649	300
1984	161	21 486	..	2 240	2 018
1985	146	5 645	..	2 276	2 391
Total					
1980	**9 147**	**4 822 167**	**351 833**	**71 450**	**154 591**
1981	**10 145**	**5 413 365**	**817 727**	**93 965**	**135 891**
1982	**8 941**	**1 697 591**	**196 579**	**107 056**	**141 565**
1983	**8 930**	**1 194 175**	**101 375**	**155 485**	**100 581**
1984	**9 217**	**635 318**	**82 573**	**147 665**	**85 474**
1985	**9 357**	**757 260**	**78 424**	**153 783**	**136 140**

[a]Approximately 60% of the forest fires have a known-man cause, 35% are caused by lightning and 5% have an unknown cause.
[b]Excludes the value of timber lost on 18 396 ha in the limited protection zone from 1980 to 1982.

Note: Because of differences in administrative and accounting procedures, direct comparisons between provinces and other jurisdictions are difficult and potentially misleading. The function of these data is to show the order of magnitude of forest fire control expenditures and monetary losses in Canada as well as to provide a record of the annual trend. The values are the best available, but their limitation should be recognized.

Source: Ramsey, G.S.; Higgins, D.G. Canadian Forest Fire Statistics 1980 and Canadian Forest Fire Statistics 1981, 1982, 1983. Canadian Forestry Service and unpublished figures 1984-1985.

1 - 7. STATISTICS ON FOREST INSECT AND DISEASE CONDITIONS - ESTIMATED AVERAGE ANNUAL DEPLETION CAUSED BY IMPORTANT PESTS, 1977-1981

Type	Average annual mortality volume	Growth reduction	Wood destruction	Total
		1 000 000 m^3		
A. Insects				
Spruce budworms				
Nfld.	3.7	..	-	3.7
P.E.I.	..	..	-	..
N.S.	3.1	..	-	3.1
N.B.	1.6	..	-	1.6
Que.	14.8	..	-	14.8
Ont.	11.6	..	-	11.6
Total	34.8	9.7	-	44.5
Mountain pine beetle	5.1	..	-	5.1
Spruce bark beetle	3.5	..	-	3.5
Other bark beetles	0.3	..	-	0.3
Aspen defoliators	..	8.0	-	8.0
Miscellaneous defoliators	0.3	0.8	-	1.1
Total	**44.0**	**18.5**	-	**62.5**
B. Diseases				
Dwarf mistletoes	...	3.8	-	3.8
Hypoxylon canker	11.2	..	-	11.2
Decays	...	...	25.0	25.0
Miscellaneous diseases	4.9	..	-	4.9
Total	**16.1**	**3.8**	**25.0**	**44.9**
Total insects and diseases	**60.1**	**22.3**	**25.0**	**107.4**

Source: Sterner, T.E.; Davidson, A.G. (compilation) and regional centers (collaboration). Forest Insect and Disease Conditions in Canada 1981. Canadian Forestry Service.

I - 8. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT ACTIVITIES, 1977-1983[a]

Source	Year	Silviculture	Forest protection	Resource access	Research	Inventory	Timber management	Administration	Other[b]	Total[c]
						$000 000				
Provincial	1977	83.5	90.5	45.2	6.2	13.6	-	121.8	-	360.8
	1979	115.7	125.8	72.3	9.9	13.7	43.1	110.0	-	490.5
	1981	195.6	262.8	79.5	16.5	20.8	71.6	138.8	-	785.6
	1982	227.6	240.2	74.8	17.5	20.6	78.5	160.7	-	820.0
	1983	240.9	182.1	87.1	18.3	21.3	75.1	159.2	-	783.9
Federal	1977	18.6	6.2	10.6	31.0	0.8	-	10.5	-	77.7
	1979	26.9	11.2	19.2	30.1	1.4	2.9	11.5[c]	-	103.2
	1981	33.7	22.5	23.0	39.9	1.8	3.1	18.6[c]	-	142.6
	1982	46.4	26.5	17.7	46.2	0.6	2.3	11.1[c]	-	150.8
	1983	58.4	25.8	20.7	58.9	0.7	2.8	16.3[c]	-	183.6
Industry	1977	16.1	18.6	161.0	-	..	..	..	25.1	220.8
	1979	21.9	20.9	193.2	-	..	..	..	42.0	278.0
	1981	43.0	26.3	162.8	-	..	..	..	87.4	319.5
	1982	..	..	..	..	..	..	..	..	..
	1983	36.6	33.7	121.8	-	..	..	..	88.1	280.3
Total expenditures	**1977**	**118.2**	**115.3**	**216.8**	**37.2**	..	..	..	**171.8**	**659.3**
	1979	**164.5**	**157.8**	**284.7**	**40.0**	..	..	..	**224.6**	**871.6**
	1981	**272.3**	**311.6**	**265.3**	**56.4**	..	..	..	**342.1**	**1 247.7**
	1982	..	..	..	..	..	..	..	..	..
	1983	**335.9**	**241.6**	**229.6**	**77.2**	..	..	..	**363.5**	**1 247.8**

[a]1977 for fiscal year 1977-1978, 1979 for 1979-1980, 1981 for 1981-1982, 1982 for 1982-1983, and 1983 for 1983-1984.
[b]Other expenditures in this case include the "inventory", "timber management", and "administrative and other" categories of the public expenditures and the "other forestry" category of the industrial expenditure.
[c]$8.1 million, $17.3 million, $8.9 million, $14.1 million expended by Canadian Forestry Service headquarters in Hull, Quebec, for 1979, 1981, 1982, and 1983. Expenditures for 1977 are not known.

Source: Barron, D.E.; Smyth, J.H.; Campbell, K.L.; Martel, J.P. Forest Management Expenditures in Canada, 1977-1983. Canadian Pulp and Paper Association and Canadian Forestry Service.

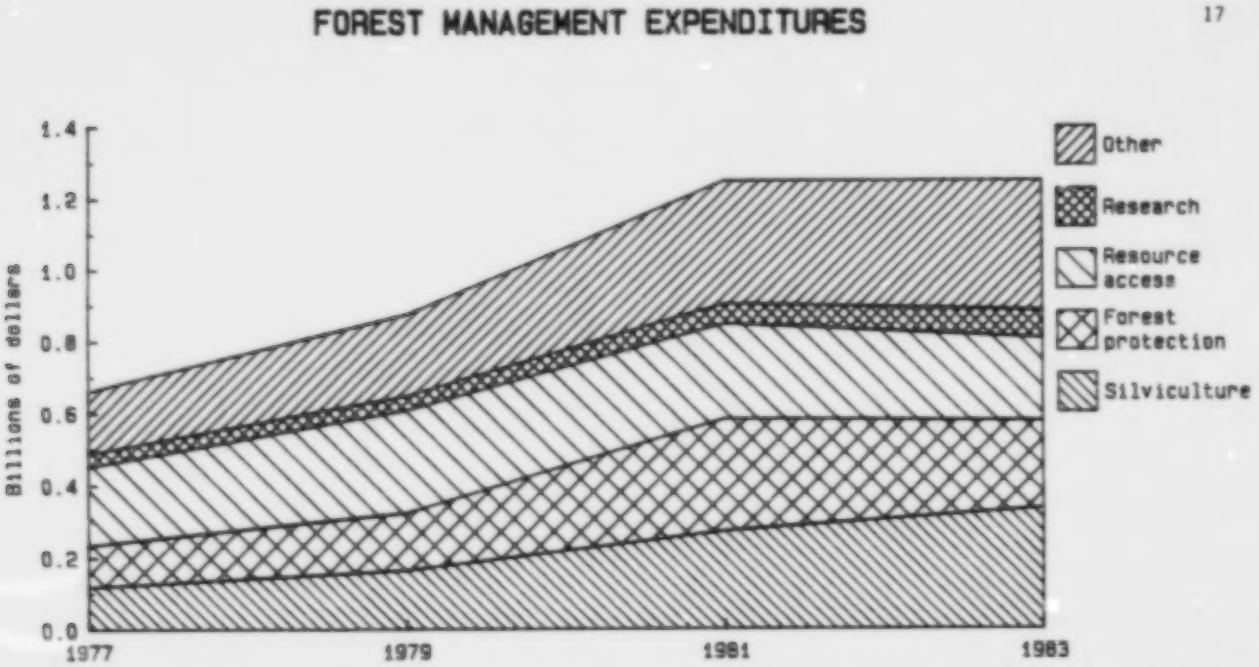

Figure 4. Public and industry expenditures on forest management by activity, 1977-1983.

Source: Forest Management Expenditures in Canada 1977-1983, Canadian Pulp and Paper Association and Canadian Forestry Service.

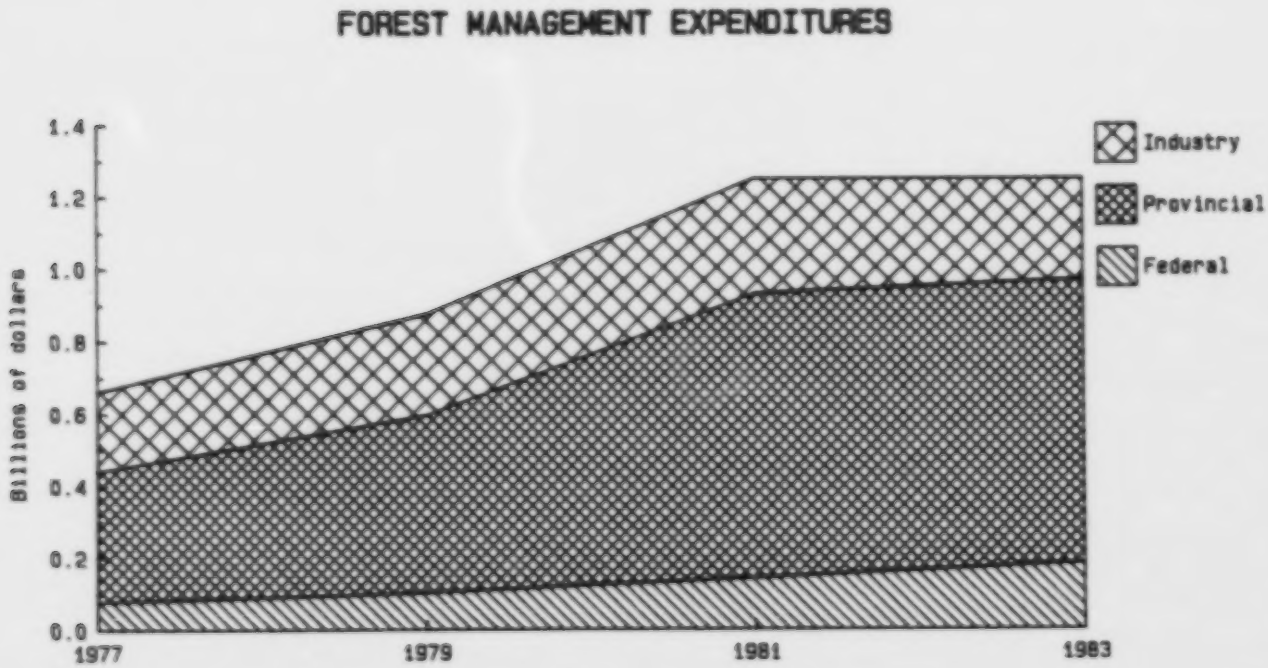

Figure 5. Public and industry expenditures on forest management by source, 1977-1983.

Source: Forest Management Expenditures in Canada 1977-1983, Canadian Pulp and Paper Association and Canadian Forestry Service.

I - 9. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT BY SOURCE, ACTIVITY, AND PROVINCE, 1977-1983[a]

Source/ activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Sub-total	Yukon and N.W.T.	Canada
A. Source									$000 000							
Provincial	1977	6.4	0.2	12.4	16.1	35.1	73.6	86.9	6.3	7.7	26.9	40.9	125.2	361.7	-	361.7
	1979	7.1	0.6	8.3	18.3	34.3	95.1	106.2	9.5	13.2	45.4	68.1	186.7	490.4	-	490.4
	1981	13.3	1.2	10.6	26.7	51.8	106.5	176.3	15.7	34.0	116.3	166.0	284.9	785.5	-	785.5
	1983	12.2	1.6	14.3	31.9	60.0	131.3	237.2	5.8	14.3	64.6	84.7	270.7	783.9	-	783.9
Federal	1977	11.3	0.6	1.2	10.5	23.6	23.0	10.8	-	0.6	4.2	4.8	4.1	66.3	10.5	76.8
	1979	8.6	1.4	3.0	12.4	25.4	35.6	11.5	1.3	3.3	3.6	8.2	10.4	91.1	12.2	103.3
	1981	8.2	2.0	5.0	14.5	29.7	46.7	24.3	-	2.4	4.9	7.3	10.0	118.0	24.7	142.7
	1983	15.8	2.0	4.3	17.6	39.7	64.2	31.0	-	-	7.3	7.3	14.3	156.5	27.1	183.6
Industrial	1977	1.4	-	5.3	10.7	17.4	43.4	29.7	1.0	2.7	13.0	16.7	113.6	220.8	-	220.8
	1979	3.4	-	5.1	14.6	23.1	48.4	28.9	1.4	3.0	8.4	12.8	164.8	278.0	-	278.0
	1981	7.7	-	10.4	20.7	38.8	55.1	29.1	2.4	4.8	10.2	17.4	179.1	319.5	-	319.5
	1983	5.0	-	7.7	13.6	26.3	51.9	32.8	1.6	1.9	16.4	19.9	149.3	280.3	-	280.3
B. Activity																
Silviculture	1977	0.9	0.6	3.8	7.9	13.2	24.9	31.9	0.9	2.7	6.3	9.9	38.3	118.2	-	118.2
	1979	0.6	1.3	3.9	10.4	16.2	30.2	42.3	2.1	4.1	8.7	14.9	60.9	164.5	-	164.5
	1981	4.0	1.7	8.7	17.9	32.3	43.1	80.4	1.3	4.0	12.8	18.1	98.4	272.3	-	272.3
	1983	8.6	2.2	9.6	15.5	35.9	71.5	95.5	1.9	4.1	17.2	23.2	109.8	335.9	-	335.9
Protection	1977	2.5	-	1.3	9.8	13.6	31.2	32.0	3.5	3.0	9.7	16.2	16.4	109.4	5.9	115.3
	1979	5.6	0.1	2.9	9.3	17.9	23.2	33.4	6.0	5.4	19.4	30.8	42.3	147.6	10.2	157.8
	1981	7.6	0.1	3.7	15.6	27.0	29.9	52.3	11.6	26.4	76.8	114.8	65.3	289.3	22.3	311.6
	1983	3.6	-	3.3	16.6	23.5	49.6	65.2	1.9	7.8	19.5	29.2	48.9	216.3	25.3	241.6
Resource access	1977	4.6	-	4.9	4.7	14.2	41.5	31.5	1.7	3.6	8.6	13.9	115.7	216.8	-	216.8
	1979	4.1	0.1	5.1	5.4	14.7	53.7	32.0	2.0	6.3	5.2	13.5	170.8	284.7	-	284.7
	1981	4.8	0.1	6.1	2.9	13.9	53.7	43.6	2.4	6.3	7.7	16.4	137.7	265.3	-	265.3
	1983	5.8	0.1	5.2	3.8	14.9	46.2	71.3	1.0	0.4	6.4	7.6	89.6	229.6	-	229.6

I - 9. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT BY SOURCE, ACTIVITY, AND PROVINCE, 1977-1983[a] (CONCLUDED)

Source/ activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Sub-total	Yukon and N.W.T.	Canada
									$000 000							
B. Activity (continued)																
Research[b]	1977	1.8	-	0.3	3.8	5.9	9.3	11.6	-	-	3.8	3.8	6.6	37.2	-	37.2
	1979	2.1	0.1	0.3	5.3	7.8	6.3	13.3	-	-	3.6	3.6	9.0	40.0	-	40.0
	1981	3.4	0.3	0.3	6.5	10.5	7.7	17.5	-	-	5.7	5.7	15.0	56.4	-	56.4
	1983	4.3	0.1	0.5	8.7	13.6	10.4	25.6	-	0.1	9.7	9.8	17.7	77.2	-	77.2
Other[c]	1977	9.3	0.2	8.6	11.1	29.2	33.1	20.4	1.2	1.7	15.7	18.6	65.9	167.2	4.6	171.8
	1979	6.7	0.4	4.1	14.9	26.1	65.7[d]	25.6	2.1	3.7	20.5	26.3	78.9	222.6	2.0	224.6
	1981	9.4	1.0	7.2	19.0	36.6	73.9[d]	35.9	2.8	4.5	28.4	35.7	157.6	339.7	2.4	342.1
	1983	10.7	1.2	7.7	18.7	38.3	69.8[d]	43.3	2.6	3.8	35.6	42.0	168.2	361.6	[illegible]	363.5
Total	**1977**	**19.1**	**0.8**	**18.9**	**37.3**	**76.1**	**140.0**	**127.4**	**7.3**	**11.0**	**44.1**	**62.4**	**242.9**	**648.8**	**10.5**	**659.3**
	1979	**19.1**	**2.0**	**16.3**	**45.3**	**82.7**	**179.1**	**146.6**	**12.2**	**19.5**	**57.4**	**89.1**	**361.9**	**859.4**	**12.2**	**871.6**
	1981	**29.2**	**3.2**	**26.0**	**61.9**	**120.3**	**208.3**	**229.7**	**18.1**	**41.2**	**131.4**	**190.7**	**474.0**	**1 223.0**	**24.7**	**1 247.7**
	1983	**33.0**	**3.6**	**26.3**	**63.1**	**126.0**	**247.4**	**300.9**	**7.4**	**16.2**	**88.4**	**112.0**	**434.2**	**1 220.7**	**27.1**	**1 247.8**

[a]1977 for fiscal year 1977-1978, 1979 for 1979-1980, 1981 for 1981-1982, and 1983 for 1983-1984.
[b]Research expenditures include only provincial and federal estimates.
[c]Other expenditures in this case include the "inventory", "timber management" and "administration and other" categories of the public expenditures and the "other forestry" category of the industrial expenditure.
[d]$8.1 million, $17.3 million, $8.9 million, $14.1 million expended by Canadian Forestry Service headquarters in Hull, Quebec, for 1979, 1981, 1982, and 1983. Expenditures for 1977 are not known.

Source: Barron, D.E.; Smyth, J.H.; Campbell, K.L.; Martel, J.P. Forest Management Expenditures in Canada, 1977-1983. Canadian Pulp and Paper Association and Canadian Forestry Service.

I - 10. FEDERAL/PROVINCIAL FOREST AGREEMENT STATISTICS ON FOREST DEVELOPMENT BY SILVICULTURE ACTIVITIES AND PROVINCE, 1985[a]

Area/activity		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
A. Area treated (1 000 ha)[b]												
Site preparation and regeneration		7.1	2.0	15.3	17.9	95.6	33.7	2.2	5.3	--	28.2	207.3
Other silviculture treatments		6.0	1.2	21.4	24.4	10.0	10.7	0.3	0.8	--	4.6	79.4
Forest protection		-	-	-	-	-	-	1.1	-	-	-	1.1
Research and forest extention		-	-	-	-	-	-	-	-	-	-	-
Other activities[c]		-	-	-	-	-	-	-	-	-	-	-
Total		**13.1**	**3.2**	**36.7**	**42.3**	**105.6**	**44.5**	**3.6**	**6.1**	**--**	**32.9**	**287.9**
B. Source of expenditures by activity[d] ($ 000)												
Site preparation and regeneration	- Federal	3 605.0	671.3	2 306.5	2 675.2	17 697.7	9 154.8	576.1	116.6	0.9	5 337.0	42 141.1
	- Provincial	360.5	35.4	2 118.9	2 384.3	17 645.5	9 014.1	-	1 831.8	-	5 257.0	38 647.5
	- Total	3 965.5	706.7	4 425.4	5 059.6	35 343.2	18 168.9	576.1	1 948.5	0.9	10 594.0	80 788.6
Other silviculture treatments	- Federal	3 270.0	1 284.4	3 893.4	3 228.4	2 271.6	512.6	162.8	467.1	172.4	1 817.0	17 079.7
	- Provincial	327.0	93.7	2 397.4	2 647.2	2 080.0	1 171.3	-	279.6	6.7	1 633.0	10 635.9
	- Total	3 597.0	1 378.1	6 290.8	5 875.6	4 351.6	1 684.0	162.8	746.7	179.1	3 450.0	27 715.7
Forest protection	- Federal	782.1	-	-	-	-	221.0	-	-	34.8	-	1 037.9
	- Provincial	78.2	-	130.0	-	-	221.0	250.4	-	-	200.0	879.6
	- Total	860.3	-	130.0	-	-	442.1	250.4	-	34.8	200.0	1 917.6
Research and forest extention	- Federal	642.0	250.3	98.1	1 791.1	637.6	716.2	1 584.5	1 813.7	853.3	1 193.0	9 579.8
	- Provincial	64.2	34.1	24.8	1 908.3	2 637.6	560.3	2 444.5	308.5	760.9	7 031.0	15 774.2
	- Total	706.2	284.5	122.9	3 699.4	3 275.1	1 276.5	4 029.0	2 122.2	1 614.2	8 224.0	25 354.0
Other activities[c]	- Federal	1 083.0	412.3	669.2	433.5	416.0	480.0	588.1	327.2	550.5	1 016.0	5 975.8
	- Provincial	108.3	56.2	427.0	-	-	116.7	-	62.1	54.6	371.0	1 195.9
	- Total	1 191.3	468.6	1 096.2	433.5	416.0	596.6	588.1	389.2	605.0	1 387.0	7 171.5
Total activities	**- Federal**	**9 382.1**	**2 618.4**	**6 967.2**	**8 128.2**	**21 022.9**	**11 084.6**	**2 911.4**	**2 742.7**	**1 611.9**	**9 363.0**	**75 814.4**
	- Provincial	**938.2**	**219.5**	**5 098.1**	**6 939.8**	**22 363.1**	**11 093.5**	**2 694.9**	**2 481.9**	**822.2**	**14 492.0**	**67 133.2**
	- Total	**10 320.3**	**2 837.9**	**12 065.3**	**15 068.0**	**43 385.9**	**22 168.1**	**5 606.3**	**5 206.6**	**2 434.0**	**23 855.0**	**142 947.6**

[a]Fiscal year 1985-1986.
[b]An hectare may be duplicated if it received more than one silviculture treatment.
[c]The category "Other activities" includes the expenditures related to administration, communication and evaluation.
[d]Actual costs per hectare may not be calculated as these costs in part B include indirect items.

Source: Special Compilation, Development Branch, DEVMIS, Canadian Forestry Service.

I - 11. FEDERAL/PROVINCIAL FOREST AGREEMENT STATISTICS ON FOREST DEVELOPMENT BY TENURE AND PROVINCE, 1985[a]

Area/tenure		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
A. Area treated (1 000 ha)[b]												
Provincial crown lands		10.4	0.2	9.7	33.5	72.7	34.5	3.2	6.0	-	31.7	201.9
Federal and Indian lands		-	-	-	0.2	0.2	0.2	0.5	--	--	-	1.1
Private lands		2.7	2.9	27.0	8.6	32.7	9.8	-	--	-	1.2	84.9
Tenure not applicable		-	-	-	-	-	-	-	-	-	-	-
Total		13.1	3.2	36.7	42.3	105.6	44.5	3.6	6.1	--	32.9	287.9
B. Source of expenditures by tenure ($ 000)[c]												
Provincial crown lands	- Federal	7 382.1	484.1	-	5 775.4	15 651.3	9 359.6	2 302.2	2 183.3	875.5	7 621.0	51 634.5
	- Provincial	738.2	66.0	4 338.1	6 572.7	17 651.3	10 128.6	2 694.9	2 481.9	822.2	7 621.0	53 114.9
	- Total	8 120.3	550.1	4 338.1	12 348.1	33 302.5	19 488.2	4 997.2	4 665.3	1 697.7	15 242.0	104 749.4
Federal and Indian lands	- Federal	-	-	-	136.4	243.8	26.2	8.2	35.2	53.8	14.0	517.6
	- Provincial	-	-	-	-	-	-	-	-	-	-	-
	- Total	-	-	-	136.4	243.8	26.2	8.2	35.2	53.8	14.0	517.6
Private lands	- Federal	2 000.0	1 008.7	6 199.9	2 216.4	4 711.8	886.7	-	6.3	-	309.0	17 338.8
	- Provincial	200.0	-	178.2	367.2	4 711.8	661.8	-	-	-	-	6 119.0
	- Total	2 200.0	1 008.7	6 378.1	2 583.6	9 423.6	1 548.5	-	6.3	-	309.0	23 457.8
Tenure not applicable	- Federal	-	1 125.6	767.3	-	416.0	812.2	600.9	499.9	682.6	1 419.0	6 323.5
	- Provincial	-	153.5	581.8	-	-	293.1	-	-	-	6 871.0	7 899.4
	- Total	-	1 279.1	1 349.1	-	416.0	1 105.3	600.9	499.9	682.6	8 290.0	14 222.9
Total	- Federal	9 382.1	2 618.4	6 967.2	8 128.2	21 022.9	11 084.6	2 911.4	2 724.7	1 611.9	9 363.0	75,814.4
	- Provincial	938.2	219.5	5 098.1	6 939.8	22 363.1	11 083.5	2 694.9	2 481.9	822.2	14 492.0	67 133.2
	- Total	10 320.3	2 837.9	12 065.3	15 068.0	43 385.9	22 168.1	5 606.3	5 206.6	2 434.0	23 855.0	142 947.6

[a]Fiscal year 1985-1986.
[b]An hectare may be duplicated if it received more than one silviculture treatment.
[c]Actual costs per hectare may not be calculated as these costs in part B include indirect items.

Source: Special Compilation, Development Branch, DEVMIS, Canadian Forestry Service.

I - 12. FARM WOODLOTS BY PROVINCE, 1951-1981

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Farm woodlots in Canada	Total farm[a]	%
A. Area of farm woodlots (1 000 ha)															
1951	15	140	747	827	1 729	2 377	1 559	734	1 192	1 160	3 086	468	9 219	70 434	13.1
1961	8	120	552	498	1 178	1 822	1 318	603	888	866	2 357	305	6 980	69 829	10.0
1971	5	85	300	276	666	1 254	931	389	404	674	1 467	342	4 660	68 662	6.8
1976	8	75	262	227	572	1 160	833	376	415	709	1 500	302	4 367	68 427	6.4
1981	6	65	241	201	513	1 069	742	248	282	493	1 023	204	3 551	65 889	5.4
B. Number of farms reporting forest products sales[b]															
1981	40	253	1 382	1 993	2 768	10 445	4 326	278	246	540	1 064	1 255	19 858	...	...
C. Value of sales ($000)															
1981	92	363	4 726	4 332	9 513	23 975	11 957	1 080	993	2 542	4 615	14 928	64 988	...	...

[a]A 1981 "Census Farm" is defined as a farm, ranch, or other agricultural holding with sales of agricultural products during the past 12 months of $250 or more.

[b]Includes sales of Christmas trees, fuelwood, and logs, and income from stumpage leases where an agreed amount is paid for cutting timber or pulpwood from the land. It excludes the sales of maple products.

Source: Statistics Canada. Census of Agriculture, 1981, Cat. No. 96-901.

SECTION II

COMMODITY PRODUCTION AND SHIPMENTS

- Roundwood
- Lumber
- Wood pulp
- Newsprint
- Paper and paperboard
- Wood—based panels

II - 1. ESTIMATION OF ROUNDWOOD PRODUCTION BY CATEGORY AND SPECIES GROUP, 1950-1984

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
						1 000 m^3						
1950	40 095	32 311	1 700	**74 106**	..	..	..	..	**11 509**	..	..	**85 615**
1960	51 120	33 924	1 461	**86 505**	..	..	..	..	**6 751**	..	..	**93 256**
1970	75 644	40 402	1 278	**117 324**	109 323	8 001	1 527	2 569	**4 096**	110 669	10 750	**121 419**
1971	79 948	36 902	1 141	**117 991**	109 777	8 214	1 276	2 458	**3 734**	109 029	10 672	**119 701**
1972	81 211	38 428	1 109	**120 748**	111 331	9 417	1 196	2 187	**3 383**	112 526	11 604	**124 131**
1973	96 886	42 378	1 079	**140 343**	129 688	10 655	1 165	2 297	**3 462**	130 853	12 952	**143 806**
1974	85 295	48 034	1 087	**134 416**	124 575	9 841	1 149	2 363	**3 512**	125 724	12 204	**137 928**
1975	73 543	37 063	891	**111 497**	103 437	8 060	1 211	2 554	**3 765**	104 648	10 614	**115 262**
1976	97 135	36 832	1 260	**135 227**	127 083	8 144	1 266	2 633	**3 899**	128 349	10 777	**139 126**
1977	103 707	36 732	1 141	**141 580**	132 652	8 928	1 017	2 665	**3 682**	133 669	11 593	**145 262**
1978	111 536	38 039	1 344	**150 918**	142 798	8 914	1 109	3 074	**4 183**	143 114	11 988	**155 102**
1979	114 433	40 242	1 789	**156 464**	147 661	9 590	1 281	3 225	**4 506**	148 155	12 815	**160 970**
1980	109 957	38 783	1 909	**150 649**	141 285	9 364	1 278	3 453	**4 731**	142 563	12 817	**155 380**
1981	96 318	41 204	1 562	**139 084**	130 633	8 451	1 410	4 078	**5 488**	132 043	12 529	**144 572**
1982	88 869	31 084	1 390	**121 343**	114 317	7 026	1 548	4 125	**5 673**	115 865	11 151	**127 016**
1983	111 269	38 090	1 365	**150 724**	142 293	8 431	1 609	4 588	**6 197**	143 902	13 019	**156 921**
1984	117 254	42 051	1 562	**160 867**	151 541	9 326	1 880	4 755	**6 635**	153 421	14 081	**167 502**

Source: Statistics Canada Cat. No. 25-201.

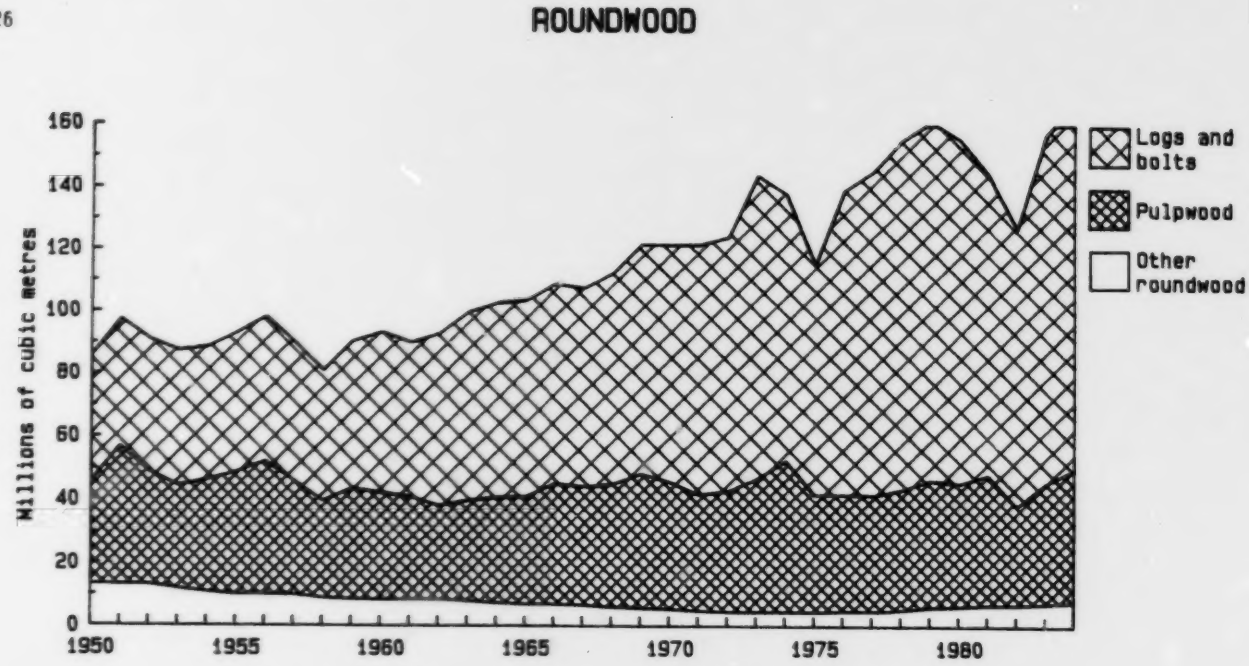

Figure 6. Roundwood production in Canada, 1950-1984.
Source: Statistics Canada, Cat. No. 25-201.

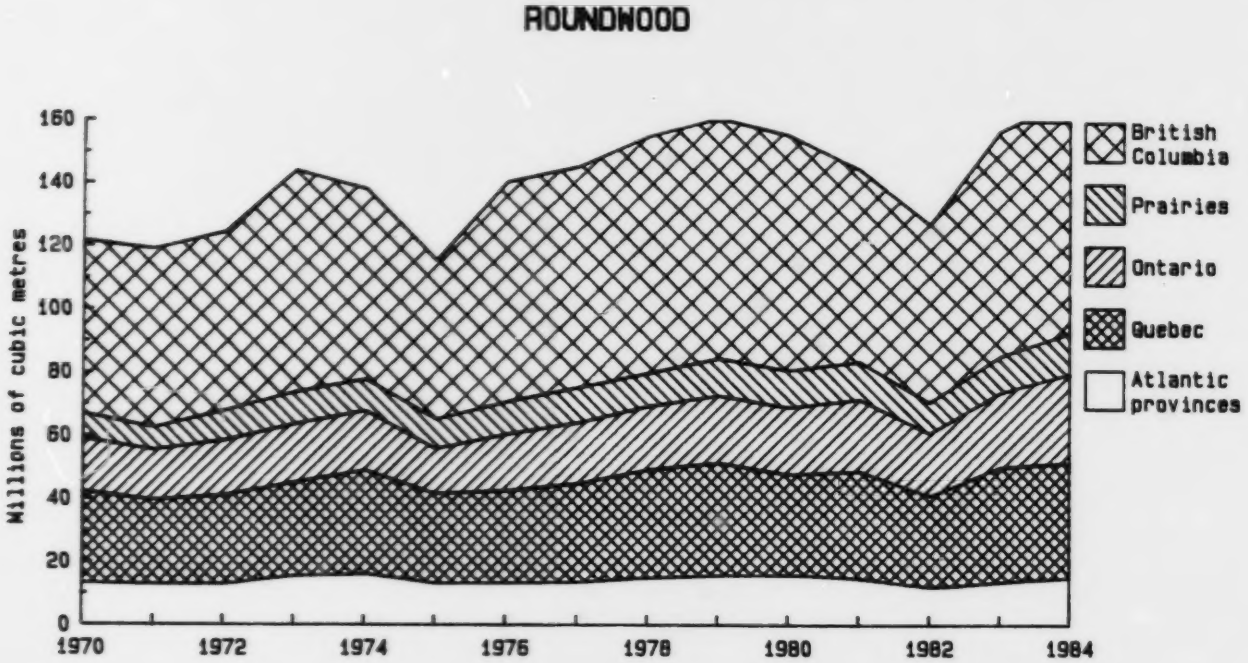

Figure 7. Roundwood production by region, 1970-1984.
Source: Statistics Canada, Cat. No. 25-201.

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1984

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Newfoundland												
1970	170	2 527	4	**2 701**	2 701	-	112	35	**147**	2 813	36	**2 849**
1971	151	2 013	4	**2 168**	2 165	3	125	31	**156**	2 290	34	**2 324**
1972	148	2 071	6	**2 225**	2 222	3	105	25	**130**	2 327	28	**2 355**
1973	241	2 563	7	**2 811**	2 808	3	108	34	**142**	2 915	37	**2 952**
1974	184	2 874	8	**3 066**	3 063	3	108	37	**145**	3 171	40	**3 211**
1975	147	2 195	6	**2 348**	2 345	3	79	25	**104**	2 424	28	**2 452**
1976	207	2 011	20	**2 238**	2 232	6	76	31	**107**	2 309	37	**2 345**
1977	230	1 875	8	**2 113**	2 110	3	62	20	**82**	2 172	23	**2 195**
1978	261	1 909	8	**2 178**	2 175	3	88	22	**110**	2 263	25	**2 288**
1979	269	1 968	17	**2 254**	2 248	6	202	25	**227**	2 450	31	**2 481**
1980	207	2 189	130	**2 526**	2 523	3	241	28	**269**	2 764	31	**2 795**
1981	261	1 903	8	**2 172**	2 169	3	356	40	**396**	2 525	43	**2 568**
1982	147	1 736	9	**1 892**	1 889	3	425	62	**487**	2 314	65	**2 379**
1983	293	1 697	5	**1 995**	1 989	6	379	55	**434**	2 368	61	**2 429**
1984	183	2 053	4	**2 240**	2 239	1	572	77	**649**	2 811	78	**2 889**
Prince Edward Island												
1970	68	109	10	**187**	186	1	34	23	**57**	220	24	**245**
1971	77	66	9	**152**	137	15	40	20	**60**	177	35	**212**
1972	67	66	5	**138**	134	4	31	20	**51**	165	24	**188**
1973	69	62	10	**141**	129	12	3	28	**31**	131	40	**172**
1974	83	62	8	**153**	148	5	6	31	**37**	154	36	**190**
1975	71	45	6	**122**	118	4	8	37	**45**	126	41	**167**
1976	68	48	6	**122**	116	6	8	34	**42**	125	40	**165**
1977	65	37	3	**105**	105	-	6	28	**34**	111	28	**139**
1978	71	45	6	**122**	122	-	6	31	**37**	128	31	**159**
1979	85	48	11	**144**	144	-	11	68	**79**	155	68	**223**
1980	91	91	11	**193**	184	9	14	71	**85**	198	80	**278**
1981	102	59	28	**189**	172	17	11	133	**144**	183	150	**333**
1982	68	48	9	**125**	116	9	17	133	**150**	133	142	**275**
1983	96	31	11	**138**	125	13	18	138	**156**	143	151	**294**
1984	84	42	-	**126**	121	5	72	215	**287**	193	220	**413**

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1984 (CONTINUED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	**Total**	Softwoods	Hardwoods	Softwoods	Hardwoods	**Total**	Softwoods	Hardwoods	**Total**
	1 000 m^3											
Nova Scotia												
1970	1 033	2 022	32	**3 087**	2 876	211	48	109	**157**	2 904	320	**3 224**
1971	801	2 263	19	**3 083**	2 879	204	45	108	**153**	2 924	312	**3 236**
1972	953	2 144	16	**3 133**	2 832	301	40	105	**145**	2 851	405	**3 257**
1973	1 025	2 394	16	**3 435**	3 071	364	51	108	**159**	3 125	471	**3 596**
1974	1 021	2 792	14	**3 827**	3 420	407	42	127	**169**	3 462	534	**3 996**
1975	837	2 508	13	**3 358**	3 075	283	40	141	**181**	3 115	424	**3 539**
1976	957	2 265	20	**3 242**	2 970	272	48	164	**212**	3 019	436	**3 455**
1977	940	2 540	8	**3 489**	3 243	246	45	142	**187**	3 288	388	**3 676**
1978	974	2 968	11	**3 953**	3 675	278	43	161	**204**	3 178	439	**4 157**
1979	1 059	3 098	14	**4 171**	3 802	369	57	161	**218**	3 859	530	**4 389**
1980	960	3 310	11	**4 281**	3 757	524	62	201	**263**	3 819	725	**4 544**
1981	897	2 795	17	**3 709**	3 367	342	42	235	**277**	3 409	577	**3 986**
1982	784	1 943	11	**2 738**	2 557	181	40	223	**263**	2 597	404	**3 001**
1983	912	2 397	16	**3 325**	3 116	209	45	251	**296**	3 161	460	**3 621**
1984	993	2 270	-	**3 263**	2 885	378	46	250	**296**	2 931	628	**3 559**
New Brunswick												
1970	1 871	4 712	33	**6 616**	5 822	794	15	184	**199**	5 837	978	**6 815**
1971	1 778	4 913	24	**6 715**	5 794	921	19	171	**190**	5 813	1 091	**6 905**
1972	1 830	5 167	50	**7 047**	6 121	926	25	154	**179**	6 146	1 080	**7 225**
1973	2 418	6 258	37	**8 713**	7 181	1 532	20	136	**156**	7 200	1 668	**8 868**
1974	1 926	6 626	59	**8 611**	6 954	1 657	23	147	**170**	6 977	1 804	**8 781**
1975	1 755	4 913	45	**6 713**	5 479	1 234	40	153	**193**	5 519	1 387	**6 906**
1976	1 798	5 395	88	**7 281**	6 083	1 198	48	150	**198**	6 131	1 348	**7 479**
1977	1 897	5 550	85	**7 532**	6 399	1 333	31	139	**170**	6 430	1 272	**7 702**
1978	2 265	5 947	93	**8 305**	7 147	1 158	34	170	**204**	7 181	1 328	**8 509**
1979	2 322	6 088	85	**8 495**	7 277	1 218	34	221	**255**	7 311	1 439	**8 750**
1980	2 345	5 714	76	**8 135**	7 022	1 113	34	218	**252**	7 056	1 331	**8 387**
1981	2 282	5 165	82	**7 529**	6 524	1 005	37	229	**266**	6 561	1 234	**7 795**
1982	2 061	3 956	62	**6 079**	5 233	846	48	193	**241**	5 281	1 039	**6 320**
1983	2 360	4 752	65	**7 177**	6 168	1 009	53	212	**265**	6 221	1 221	**7 442**
1984	2 534	5 486	89	**8 109**	7 164	945	50	219	**269**	7 214	1 164	**8 378**

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1984 (CONTINUED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Quebec												
1970	8 778	17 740	251	**26 769**	23 272	3 497	906	1 223	**2 129**	24 179	4 720	**28 999**
1971	9 260	15 291	260	**24 811**	21 365	3 446	569	1 201	**1 770**	21 934	4 647	**26 581**
1972	10 534	15 350	271	**26 155**	21 933	4 222	586	1 104	**1 690**	22 501	5 326	**27 827**
1973	11 086	16 310	254	**27 650**	23 049	4 601	561	1 138	**1 699**	23 611	5 740	**29 350**
1974	12 204	18 548	275	**31 027**	27 459	3 568	538	1 147	**1 685**	27 997	4 715	**32 712**
1975	11 214	15 149	232	**26 595**	23 650	2 945	566	1 246	**1 812**	24 216	4 181	**28 407**
1976	13 309	13 598	311	**27 218**	23 990	3 228	566	1 274	**1 840**	24 556	4 502	**29 058**
1977	16 353	12 601	297	**29 251**	25 655	3 596	453	1 359	**1 812**	26 108	4 955	**31 063**
1978	18 576	13 096	396	**32 068**	28 571	3 497	510	1 501	**2 011**	29 081	4 998	**34 079**
1979	19 142	14 045	425	**33 612**	30 322	3 290	481	1 643	**2 124**	30 803	4 933	**35 736**
1980	16 848	12 318	453	**29 620**	26 505	3 115	368	1 699	**2 067**	26 873	4 814	**31 687**
1981	16 452	14 979	595	**30 026**	29 167	2 859	396	1 812	**2 208**	29 563	4 671	**34 234**
1982	15 787	10 316	793	**26 896**	24 522	2 374	368	1 869	**2 237**	24 890	4 243	**29 133**
1983	20 080	12 998	810	**33 888**	30 881	3 007	395	2 005	**2 400**	31 276	5 012	**36 288**
1984	18 712	14 329	944	**33 985**	31 242	2 743	456	2 078	**2 534**	31 698	4 821	**36 519**
Ontario												
1970	5 154	10 638	216	**16 008**	13 068	2 940	181	612	**793**	13 250	3 551	**16 801**
1971	5 380	9 472	208	**15 060**	12 172	2 888	229	549	**778**	12 401	3 438	**15 839**
1972	6 088	10 349	201	**16 638**	13 575	3 063	212	510	**732**	13 787	3 574	**17 361**
1973	6 357	11 142	203	**17 702**	14 658	3 044	215	527	**742**	14 875	3 571	**18 446**
1974	6 017	11 893	150	**18 060**	14 903	3 157	227	580	**807**	15 130	3 737	**18 867**
1975	5 267	7 929	142	**13 337**	10 760	2 577	241	637	**878**	11 001	3 214	**14 215**
1976	7 362	9 401	193	**16 956**	14 181	2 775	255	665	**920**	14 436	3 340	**17 876**
1977	7 915	10 306	156	**18 377**	15 107	3 270	198	694	**892**	15 305	3 964	**19 269**
1978	8 255	10 604	139	**18 998**	15 636	3 362	255	934	**1 189**	15 891	4 296	**20 187**
1979	9 132	10 769	133	**20 034**	16 098	3 936	297	963	**1 260**	16 395	4 899	**21 294**
1980	9 061	10 803	113	**19 977**	16 226	3 751	255	1 090	**1 345**	16 481	4 841	**21 322**
1981	8 707	12 105	127	**20 939**	17 683	3 256	382	1 487	**1 869**	18 065	4 743	**22 808**
1982	7 634	10 222	113	**17 969**	15 087	2 882	359	1 450	**1 809**	15 446	4 322	**19 778**
1983	9 008	12 450	107	**21 565**	18 112	3 453	431	1 740	**2 171**	18 543	5 193	**23 736**
1984	12 321	13 631	7	**25 959**	21 489	4 470	360	1 811	**2 171**	21 849	6 281	**28 130**

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1984 (CONTINUED)

	Industrial roundwood						Fuelwood			Total		
Year	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Manitoba												
1970	314	664	91	1 075	929	146	100	84	184	1 029	230	1 260
1971	405	873	92	1 370	1 233	137	111	74	185	1 344	212	1 556
1972	581	954	115	1 654	1 481	173	108	74	182	1 589	246	1 835
1973	691	886	93	1 675	1 502	173	93	59	152	1 596	232	1 828
1974	510	1 321	105	1 936	1 816	120	91	74	165	1 907	194	2 101
1975	504	1 274	88	1 866	1 753	113	85	71	156	1 838	184	2 022
1976	589	878	105	1 572	1 487	85	85	85	170	1 572	170	1 742
1977	603	948	91	1 642	1 563	79	57	85	142	1 620	164	1 784
1978	640	937	93	1 670	1 563	107	45	88	133	1 608	195	1 803
1979	654	1 085	59	1 [illegible]98	1 653	145	37	68	105	1 690	213	1 903
1980	688	1 458	82	2 228	2 106	122	25	82	107	2 131	204	2 335
1981	543	1 104	54	1 701	1 608	93	25	77	102	1 633	170	1 803
1982	527	790	57	1 374	1 283	91	28	96	124	1 311	187	1 498
1983	514	840	51	1 405	1 315	90	26	89	115	1 341	179	1 520
1984	333	1 202	47	1 582	1 486	96	116	-	116	1 602	96	1 698
Saskatchewan												
1970	608	1 253	259	2 120	1 910	210	68	188	256	1 977	398	2 375
1971	597	1 231	212	2 040	1 802	238	65	187	252	1 867	425	2 292
1972	976	1 308	171	2 455	2 144	311	48	136	184	2 194	447	2 641
1973	944	1 356	174	2 474	2 188	286	54	190	244	2 242	477	2 718
1974	710	1 687	170	2 567	2 276	291	51	159	210	2 327	450	2 777
1975	713	1 305	74	2 092	1 790	302	59	162	221	1 849	464	2 313
1976	1 127	1 345	167	2 639	2 342	297	71	156	227	2 413	453	2 866
1977	1 897	722	156	2 775	2 350	425	42	142	184	2 932	567	2 959
1978	1 614	974	119	2 707	2 367	340	46	110	156	2 413	450	2 863
1979	1 778	1 549	127	3 454	3 083	371	77	48	125	3 160	419	3 579
1980	1 520	1 569	122	3 211	2 849	362	79	40	119	2 928	402	3 330
1981	1 662	1 605	161	3 428	2 918	510	85	42	127	3 003	552	3 555
1982	1 382	898	122	2 402	2 102	300	79	45	124	2 181	345	2 526
1983	960	1 396	127	2 483	2 275	208	82	47	129	2 357	255	2 612
1984	1 145	1 323	125	2 593	2 436	157	70	63	133	2 506	220	2 726

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1984 (CONCLUDED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
						1 000 m^3						
Alberta												
1970	3 186	690	115	3 991	3 937	52	40	112	152	3 978	166	4 144
1971	3 101	779	99	3 979	3 910	69	42	117	159	3 952	186	3 138
1972	3 639	1 017	147	4 803	4 695	108	31	59	90	4 726	167	4 893
1973	3 956	1 402	134	5 492	5 430	62	31	76	107	5 460	139	5 599
1974	2 560	2 229	176	4 965	4 894	71	34	59	93	4 928	130	5 058
1975	2 944	1 745	144	4 833	4 751	82	51	79	130	4 802	161	4 963
1976	3 341	1 892	272	5 505	5 434	71	51	71	122	5 485	142	5 627
1977	3 893	2 152	212	6 257	6 218	39	59	54	113	6 277	93	6 370
1978	3 817	1 558	249	5 624	5 581	43	45	57	102	5 626	100	5 726
1979	3 945	1 592	606	6 143	6 115	28	37	28	65	6 152	56	6 208
1980	3 925	1 331	609	5 865	5 757	108	45	23	68	5 802	131	5 933
1981	4 647	1 489	399	6 535	6 402	133	28	23	51	6 430	156	6 586
1982	4 257	1 175	147	5 581	5 462	119	79	54	133	5 541	173	5 714
1983	5 666	1 529	23	7 218	7 060	158	75	51	126	7 135	209	7 344
1984	6 557	1 715	86	8 358	7 827	531	57	42	99	7 884	573	8 457
British Columbia[a]												
1970	54 409	..	318	54 727	54 399	327	..	..	..	54 399	327	54 726
1971	56 364	..	186	56 550	56 257	293	..	..	..	56 257	293	56 551
1972	56 338	..	114	56 452	56 146	306	..	..	..	56 146	306	56 451
1973	69 998	..	139	70 137	69 560	577	..	..	..	69 560	577	70 137
1974	59 975	..	111	60 086	59 525	561	..	..	..	59 525	561	60 086
1975	49 942	..	136	50 078	49 554	516	..	..	..	49 562	516	50 078
1976	69 424	..	96	69 524	69 313	207	..	..	..	69 314	207	69 521
1977	69 823	..	147	69 970	69 834	136	..	..	..	69 834	136	69 971
1978	74 951	..	213	75 164	75 037	127	..	..	..	75 037	127	75 164
1979	75 892	..	303	76 194	75 968	227	..	..	..	75 968	227	76 195
1980	74 247	..	407	74 654	74 396	258	..	..	..	74 396	258	74 654
1981	60 700	..	80	60 780	60 547	233	..	..	..	60 547	233	60 780
1982	56 178	..	53	56 231	56 010	221	..	..	..	56 010	221	56 231
1983	71 320	..	123	71 443	71 162	281	..	..	..	71 162	281	71 443
1984	74 337	..	219	74 556	74 556	..[b]	..	..	..	74 556	[b]	74 556

[a]Pulpwood included in logs and bolts and fuelwood included in other roundwood; see also table II-5 for more details.
[b]Included with softwoods.

Source: Statistics Canada Cat. No. 25-201.

II - 3. SHIPMENTS OF ROUNDWOOD BY PROVINCE, 1970-1984

Year	Nova Scotia	New Brunswick	Quebec	Ontario	British Columbia	Other provinces	Canada
A. Quantity (1 000 m^3)							
1970	1 899	7 337	24 640	14 684	62 214	5 782	116 556
1971	1 941	7 429	22 290	13 672	62 738	4 983	113 053
1972	2 089	7 002	22 599	15 704	63 477	5 946	116 817
1973	2 553	9 005	21 868	15 731	72 470	7 128	128 755
1974	2 892	9 124	23 400	16 438	63 984	8 523	124 361
1975	2 236	7 094	21 451	11 583	48 734	7 400	98 498
1976	2 122	8 129	20 044	12 983	67 395	7 187	117 860
1977	2 363	7 717	19 850	14 802	67 477	6 386	118 595
1978	2 525	8 464	19 783	15 877	70 665	7 371	124 685
1979	2 834	8 928	22 139	16 248	50 839	7 992	108 980
1980	2 908	8 525	19 443	16 743	53 130	6 978	107 727
1981	2 929	8 797	21 967	16 855	45 482	8 023	104 053
1982	2 767	5 984	17 506	15 828	36 541	7 761	86 387
1983	2 371	7 423	18 025	16 928	47 700	6 257	98 704
1984	3 751	8 914	17 889	18 290	46 357	7 247	102 448
B. Value ($000 000)							
1970	17	73	307	184	713	61	1 356
1971	19	81	280	178	754	54	1 366
1972	21	79	290	205	879	70	1 545
1973	28	113	319	222	1 263	94	2 038
1974	39	131	394	281	1 214	132	2 191
1975	36	114	433	243	950	137	1 915
1976	36	143	448	307	1 475	149	2 558
1977	46	144	480	373	1 589	136	2 769
1978	50	165	511	428	1 891	163	3 207
1979	56	188	586	483	1 676	187	3 175
1980	61	200	553	527	1 801	187	3 329
1981	67	222	683	587	1 479	243	3 280
1982	56	165	599	540	1 302	241	2 902
1983	64	217	636	621	1 726	215	3 485
1984	90	271	661	693	1 683	236	3 634

Source: Statistics Canada Cat. No. 25-201.

II - 4. SHIPMENTS OF ROUNDWOOD BY CATEGORY AND SPECIES GROUP, 1970-1984

	Logs and bolts		Pulpwood		Other roundwood	Total roundwood	Wood chips
	Softwoods	Hardwoods	Softwoods	Hardwoods			
	1 000 m^3						1 000 t
A. Quantity							
1970	69 728	1 771	40 653	4 124	291	116 567	69
1971	71 136	1 692	36 050	3 895	281	113 053	22
1972	73 267	1 849	37 809	3 563	302	116 789	51
1973	82 952	1 896	39 003	4 607	297	128 755	37
1974	73 834	2 358	42 417	5 348	405	124 362	90
1975	58 417	1 414	36 053	2 198	422	98 504	124
1976	78 273	1 515	34 525	3 167	379	117 860	275
1977	80 470	1 717	32 432	3 635	341	118 595	318
1978	84 687	1 573	34 686	3 457	283	124 685	133
1979	66 675	1 691	36 303	3 780	532	108 980	134
1980	68 508	1 598	33 705	3 383	532	107 727	182
1981	60 495	1 401	37 359	4 286	512	104 053	217
1982	48 729	1 332	32 717	3 492	117	86 387	482
1983	62 891	1 402	29 906	4 435	71	98 704	643
1984	63 067	2 271	30 743	6 284	84	102 449	516
B. Value ($000 000)							
1970	780	23	501	42	10	1 356	2
1971	834	23	458	41	10	1 366	--
1972	980	27	491	37	10	1 445	1
1973	1 388	31	555	56	8	2 038	1
1974	1 346	42	719	72	12	2 191	3
1975	1 094	31	737	38	14	1 915	4
1976	1 662	34	789	58	14	2 558	14
1977	1 832	41	811	72	13	2 769	19
1978	2 187	42	891	74	14	3 207	7
1979	2 024	48	986	91	26	3 175	7
1980	2 179	50	991	84	25	3 329	11
1981	1 888	45	1 204	123	20	3 280	11
1982	1 645	41	1 100	110	6	2 902	20
1983	2 185	50	1 095	144	6	3 481	32
1984	2 199	70	1 164	194	7	3 634	28

Source: Statistics Canada Cat. No. 25-201.

II - 5. ROUNDWOOD PRODUCTION ON FEDERAL LANDS BY HOLDING AND CATEGORY, 1985-1986

Holding/ roundwood category	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.	Total
							1 000 m^3						
A. Yukon and N.W.T.	...	...	...	...	...	...	...	...	...	...	104	71	175
Logs and bolts	...	...	...	...	...	...	...	...	...	...	29	38	67
Pulpwood	...	...	...	...	...	...	...	...	...	...	-	-	-
Fuelwood	...	...	...	...	...	...	...	...	...	...	74	32	106
Other roundwood	...	...	...	...	...	...	...	...	...	...	2	--	2
B. Indian reserves	-	-	1	40	156	153	11	24	2	80	...	...	467
Logs and bolts	-	-	-	1	135	49	2	3	-	63	...	...	253
Pulpwood	-	-	--	39	18	53	-	1	-	17	...	...	128
Fuelwood	-	-	1	-	3	51	9	20	2	-	...	...	86
Other roundwood	-	-	-	-	1	-	--	-	--	--	...	...	1
C. National defence	-	-	-	163	42	35	-	-	-	171	...	...	412
Logs and bolts	-	-	-	40	30	12	-	-	-	171	...	...	254
Pulpwood	-	-	-	61	3	14	-	-	-	-	...	...	78
Fuelwood	-	-	-	9	9	8	-	-	-	-	...	...	26
Other roundwood	-	-	-	54	-	1	-	-	-	-	...	...	55
D. Forest experiment stations	-	-	-	8	-	14	-	-	-	-	-	-	22
Logs and bolts	-	-	-	3	-	7	-	-	-	-	-	-	10
Pulpwood	-	-	-	2	-	5	-	-	-	-	-	-	7
Fuelwood	-	-	-	3	-	2	-	-	-	-	-	-	5
Other roundwood	-	-	-	--	-	--	-	-	-	-	-	-	-
E. Other	-	-	-	-	4	1	2	-	202	46	-	-	255
Logs and bolts	-	-	-	-	-	--	-	-	202	46	-	-	248
Pulpwood	-	-	-	-	-	--	2	-	-	-	-	-	2
Fuelwood	-	-	-	-	-	1	-	-	-	-	-	-	1
Other roundwood	-	-	-	-	4	-	--	-	-	-	-	-	4
F. Total	-	-	1	211	202	203	13	24	204	297	104	71	1 332
Logs and bolts	-	-	-	44	167	68	2	3	202	280	29	38	832
Pulpwood	-	-	--	102	21	72	2	1	-	17	-	-	215
Fuelwood	-	-	1	12	12	62	9	20	2	-	74	32	223
Other roundwood	-	-	-	54	5	1	--	-	-	--	2	-	62

Source: Timber Harvest on Federal Lands 1981-1986. Canadian Forestry Service.

II - 6. PULPWOOD PRODUCTION FOR DOMESTIC CONSUMPTION AND RECEIPTS OF WOOD RESIDUES BY DOMESTIC MILLS, 1970-1986

	Pulpwood production for domestic consumption						Receipts of wood residues by domestic mills			
		Receipts								
Year	Limit production[a]	at mill of purchased pulpwood (except B.C.)	of pulpwood by mills in B.C.[b]	Total	Imports of pulpwood (minus)	Pulpwood production for domestic consumption	Wood chips	Veneer cores, slabs and edgings, sawdust, shaving, etc.	Total wood residues	Total
	1 000 m^3									
1970	26 469	14 266	9 442	50 177	222	49 955	16 984	960	17 944	67 898
1971	22 590	12 714	9 554	44 858	262	44 596	19 232	1 249	20 480	65 077
1972	24 092	11 935	9 128	45 155	389	44 766	21 495	1 875	23 370	68 136
1973	30 933	12 102	9 332	52 367	304	52 063	24 636	2 911	27 547	79 610
1974	35 479	14 684	9 843	60 005	626	59 379	28 407	2 569	30 976	90 355
1975	29 137	11 292	6 634	47 063	492	46 571	21 608	1 882	23 490	70 061
1976	24 157	11 415	7 673	43 245	503	42 742	31 467	2 552	34 019	76 761
1977	27 201	11 107	6 489	44 797	613	44 184	31 180	2 410	33 590	77 774
1978	27 930	12 092	6 037	46 059	618	45 441	33 489	2 766	36 255	81 696
1979	31 012	12 691	5 854	49 557	824	48 732	36 352	2 923	39 275	88 007
1980	28 758	15 229	6 478	50 466	614	49 852	37 206	2 768	39 974	89 826
1981	29 784	16 811	6 620	53 215	527	52 688	35 357	2 762	38 119	90 807
1982	21 906	13 875	6 087	41 867	529	41 338	30 703	2 643	33 346	74 684
1983	23 397	14 263	6 058	43 718	560	43 158	36 251	3 476	39 727	82 885
1984	26 002	16 441	5 756	48 199	609	47 591	36 964	4 157	41 121	88 712
1985	24 449	15 417	5 278	45 145	526	44 619	41 026	4 154	45 180	90 325
1986	23 966	16 276	5 569	45 812	329	45 483	42 261	4 403	46 664	92 147

[a]Limit production means the volume produced from an owner's freehold lands or leased lands.
[b]Data on production of pulpwood as such are not available for British Columbia. The figures shown represent receipts of pulpwood.

Source: Statistics Canada Cat. No. 25-001.

II - 7. LUMBER PRODUCTION BY PROVINCE AND SPECIES GROUP, 1950-1986

Year	Species	New-foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & N.W.T.	Canada
								1 000 m^3					
1950	Softwoods	104	27	605	636	2 186	1 551	125	142	772	8 254	8	14 410
	Hardwoods	3	1	58	69	479	384	13	14	9	25	-	1 055
	Total	**107**	**27**	**664**	**705**	**2 665**	**1 935**	**138**	**156**	**781**	**8 280**	**8**	**15 465**
1960	Softwoods	67	20	525	581	2 119	1 098	65	145	718	12 511	14	17 862
	Hardwoods	1	--	23	75	514	386	16	14	8	7	-	1 045
	Total	**68**	**20**	**548**	**656**	**2 633**	**1 484**	**82**	**159**	**726**	**12 518**	**14**	**18 907**
1970	Softwoods	81	28	464	564	3 321	1 494	83	248	1 092	18 056	17	25 449
	Hardwoods	-	--	12	96	464	508	40	-	8	12	-	1 139
	Total	**81**	**28**	**476**	**660**	**3 785**	**2 002**	**122**	**248**	**1 100**	**18 067**	**17**	**26 588**
1971	Softwoods	74	29	361	603	3 560	1 658	131	286	1 171	21 081	11	28 965
	Hardwoods	1	3	12	75	491	429	33	-	9	8	1	1 062
	Total	**75**	**32**	**372**	**677**	**4 051**	**2 087**	**164**	**286**	**1 180**	**21 090**	**12**	**30 027**
1972	Softwoods	73	27	431	660	4 368	1 780	187	394	1 373	22 423	7	31 724
	Hardwoods	1	--	12	76	607	499	50	-	22	9	1	1 276
	Total	**75**	**27**	**442**	**736**	**4 975**	**2 279**	**237**	**394**	**1 395**	**22 431**	**8**	**33 000**
1973	Softwoods	117	34	459	604	4 859	2 116	155	383	1 863	24 581	7	35 179
	Hardwoods	2	-	12	98	703	555	30	11	38	15	-	1 465
	Total	**119**	**34**	**471**	**702**	**5 563**	**2 671**	**185**	**394**	**1 901**	**24 597**	**7**	**36 644**
1974	Softwoods	85	21	453	639	4 575	2 241	245	285	1 517	20 613	6	30 680
	Hardwoods	2	7	15	77	701	590	29	4	4	15	-	1 444
	Total	**87**	**28**	**468**	**716**	**5 276**	**2 831**	**274**	**289**	**1 521**	**20 628**	**6**	**32 124**
1975	Softwoods	68	28	374	609	4 309	1 917	164	263	1 003	17 566	10	26 312
	Hardwoods	1	-	13	71	479	396	29	-	-	3	-	993
	Total	**70**	**28**	**387**	**680**	**4 787**	**2 313**	**193**	**264**	**1 003**	**17 569**	**10**	**27 305**
1976	Softwoods	100	28	429	686	5 170	2 277	207	454	1 201	25 075	11	35 638
	Hardwoods	2	-	14	83	562	497	20	7	-	-	-	1 184
	Total	**102**	**28**	**443**	**769**	**5 731**	**2 773**	**228**	**460**	**1 201**	**25 075**	**11**	**36 822**
1977	Softwoods	111	28	423	695	6 051	2 731	211	499	1 455	28 377	14	40 594
	Hardwoods	2	-	12	61	442	459	22	15	22	1	-	1 038
	Total	**113**	**28**	**435**	**756**	**6 493**	**3 191**	**233**	**514**	**1 477**	**28 378**	**14**	**41 633**

II - 7. LUMBER PRODUCTION BY PROVINCE AND SPECIES GROUP, 1950-1986 (CONCLUDED)

Year	Species	New-foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & N.W.T.	Canada
								1 000 m^3					
1978	Softwoods	112	30	437	879	6 948	3 267	220	479	1 621	29 569	14	43 576
	Hardwoods	1	8	11	56	624	561	30	9	9	2	-	1 311
	Total	**113**	**38**	**448**	**935**	**7 572**	**3 828**	**250**	**488**	**1 631**	**29 570**	**14**	**44 887**
1979	Softwoods	116	33	470	991	7 655	3 645	226	438	1 607	30 355	28	45 564
	Hardwoods	2	7	22	68	464	505	43	6	16	2	-	1 136
	Total	**118**	**40**	**492**	**1 059**	**8 119**	**4 150**	**270**	**444**	**1 622**	**30 357**	**28**	**46 700**
1980	Softwoods	99	35	427	1 146	7 361	3 868	247	394	1 704	28 202	40	43 524
	Hardwoods	2	2	18	78	698	599	37	21	12	5	-	1 472
	Total	**101**	**38**	**444**	**1 224**	**8 059**	**4 468**	**284**	**415**	**1 716**	**28 207**	**40**	**44 995**
1981	Softwoods	77	35	379	865	7 030	3 717	191	440	1 926	24 544	32	39 237
	Hardwoods	2	7	24	59	354	471	31	11	19	3	-	980
	Total	**79**	**42**	**403**	**924**	**7 384**	**4 181**	**222**	**452**	**1 945**	**24 547**	**32**	**40 217**
1982	Softwoods	68	24	338	660	6 100	3 328	222	450	1 746	23 406	22	36 364
	Hardwoods	1	5	22	49	417	536	31	8	20	-	-	1 088
	Total	**70**	**28**	**361**	**708**	**6 517**	**3 864**	**252**	**458**	**1 767**	**23 406**	**22**	**37 452**
1983	Softwoods	86	38	405	1 124	8 515	3 606	172	457	2 447	30 774	-	47 624
	Hardwoods	2	-	18	66	326	511	40	-	77	4	-	1 043
	Total	**88**	**38**	**423**	**1 190**	**8 841**	**4 117**	**212**	**457**	**2 524**	**30 778**	**-**	**48 666**
1984	Softwoods	88	38	445	1 012	8 383	3 972	105	520	2 287	30 859	-	47 708
	Hardwoods	1	-	15	55	469	586	33	-	119	3	-	1 281
	Total	**89**	**38**	**460**	**1 066**	**8 852**	**4 559**	**138**	**520**	**2 405**	**30 862**	**-**	**48 989**
1985[a]	Softwoods	x	x	439	1 332	9 416	4 855	138	516	2 771	33 042	-	52 513
	Hardwoods	x	x	20	92	474	457	51	-	257	2	-	1 348
	Total	**x**	**x**	**459**	**1 424**	**9 890**	**5 312**	**189**	**516**	**3 028**	**33 044**	**-**	**53 861**
1986[a]	Softwoods	x	x	468	1 313	10 262	4 730	168	416	2 985	31 466	-	51 808
	Hardwoods	x	x	12	64	476	648	23	-	171	2	-	1 396
	Total	**x**	**x**	**480**	**1 376**	**10 738**	**5 378**	**191**	**416**	**3 156**	**31 468**	**-**	**53 203**

[a]1950-1984 data from the annual census of manufactures, 1985-1986 data from the monthly survey.

Source: Statistics Canada Cat. No. 35-204, 35-003, and 35-002.

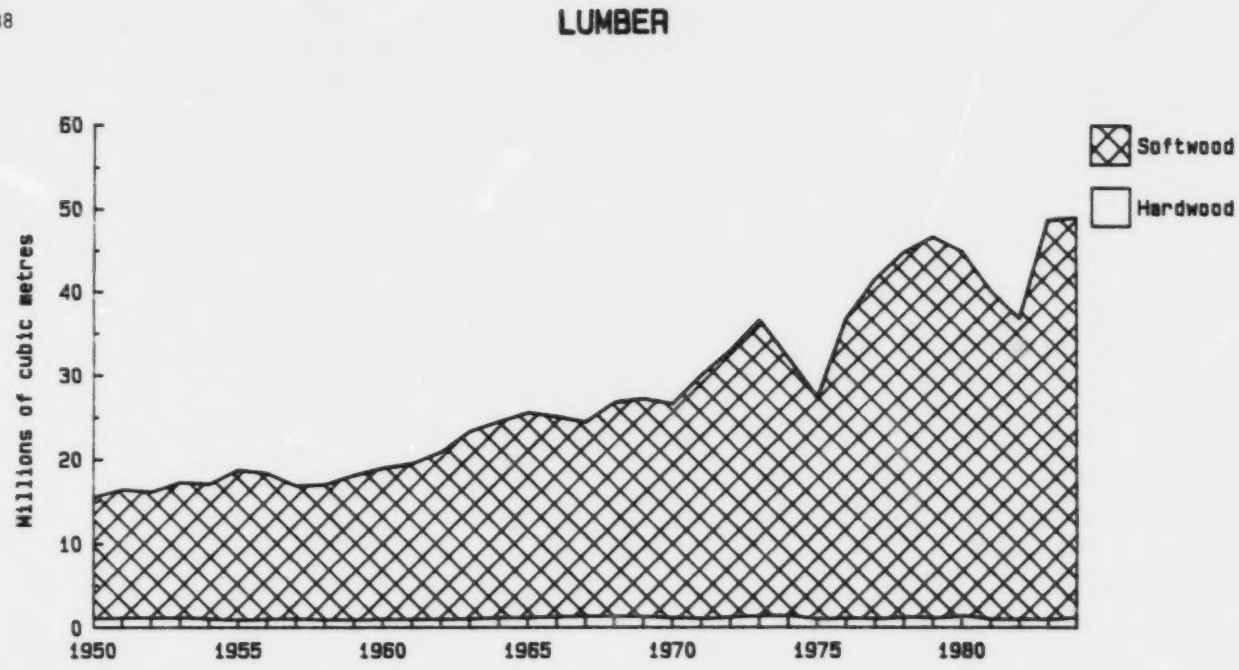

Figure 8. Lumber production in Canada, 1950-1984.
Source: Statistics Canada, Cat. No. 35-204.

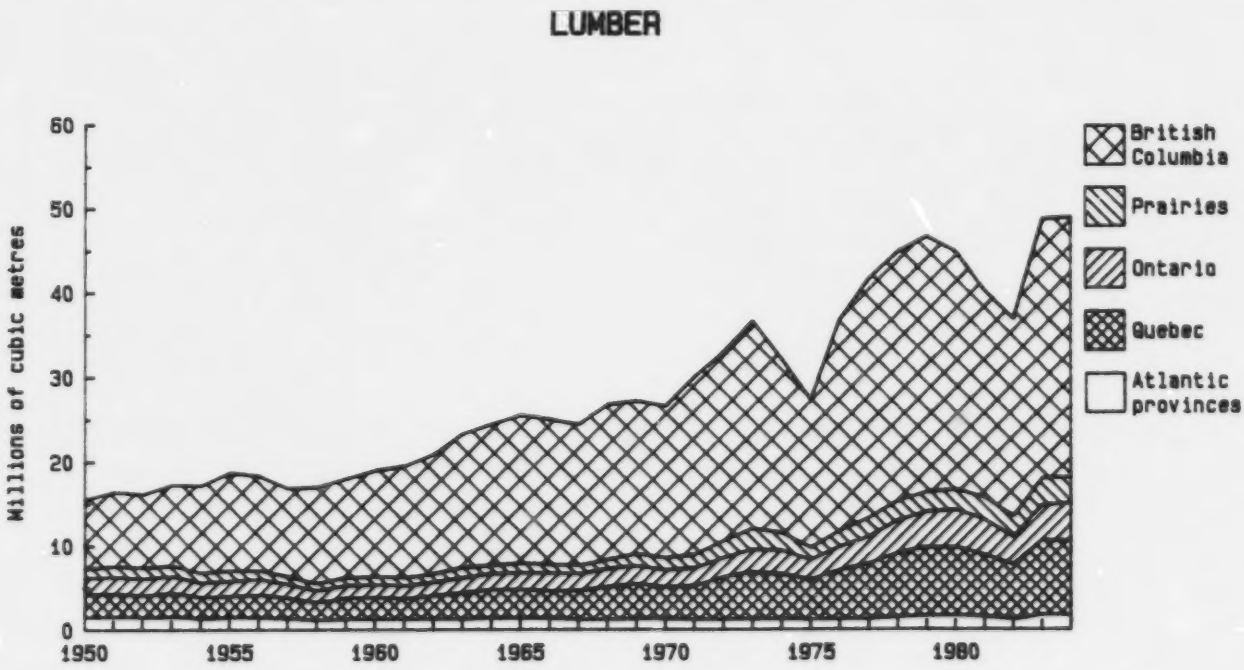

Figure 9. Lumber production by region, 1950-1984.
Source: Statistics Canada, Cat. No. 35-204.

II - B. SHIPMENTS OF HARDWOOD LUMBER BY SPECIES GROUP, 1970-1984

Year	Maple	Yellow birch	White birch	Poplar, aspen, cottonwood	Elm	Basswood	Beech	Ash	Oak	Other[a]	Total hardwoods	Total softwoods and hardwoods
A. Quantity (1 000 m^3)												
1970	391	270	33	27	41	37	12	7	12	229	1 059	25 857
1971	403	283	23	46	33	33	-	9	14	210	1 021	29 810
1972	508	305	29	86	40	37	24	-	17	151	1 197	33 167
1973	519	315	45	148	32	47	31	12	21	189	1 359	34 691
1974	505	246	20	108	29	37	39	15	21	111	1 131	30 999
1975	364	219	9	39	18	24	16	9	12	93	803	25 917
1976	353	225	7	39	16	27	15	9	14	105	810	33 693
1977	325	208	20	41	7	25	14	10	18	111	779	39 014
1978	343	231	19	48	9	32	17	10	23	111	843	41 980
1979	407	197	26	65	9	32	19	13	39	132	939	42 948
1980	331	172	29	67	7	28	19	13	40	127	833	40 348
1981	307	159	21	54	6	30	13	9	37	106	742	39 180
1982	199	97	18	87	2	23	12	7	40	50	535	35 098
1983	211	149	24	162	1	21	13	6	39	43	668	44 772
1984	228	138	36	148	1	19	13	6	52	83	724	46 802
B. Value ($000 000)												
1970	23	15	1	1	2	2	-	-	1	11	56	925
1971	26	16	1	1	2	2	-	1	1	7	57	1 159
1972	39	22	2	3	3	2	1	-	1	8	81	1 632
1973	43	26	3	7	2	3	2	1	2	11	100	2 227
1974	43	22	1	5	2	3	3	1	2	9	92	1 878
1975	29	19	1	2	1	2	1	1	1	8	65	1 473
1976	30	21	1	2	1	3	1	1	2	8	69	2 203
1977	30	20	2	3	1	3	1	1	2	9	71	2 960
1978	36	25	2	3	1	4	1	1	3	10	87	3 863
1979	51	26	3	6	1	4	2	2	6	16	117	4 667
1980	43	24	4	6	1	4	2	2	9	15	110	4 005
1981	42	22	3	5	1	4	1	1	8	15	102	3 623
1982	26	14	2	9	1	4	1	1	8	6	72	3 104
1983	32	25	3	14	--	3	2	1	8	5	94	4 598
1984	36	24	5	17	--	3	2	1	10	16	115	4 736

[a]Including red alder in some cases.

Source: Statistics Canada Cat. No. 35-204.

II - 9. SHIPMENTS OF SOFTWOOD LUMBER BY SPECIES GROUP, 1970-1984

Year	Spruce	Hemlock	Douglas-fir	Cedar	Jack and lodgepole pines	White pine	Ponderosa red pine	Balsam fir	Yellow cypress	Other	Total softwoods	Total softwoods and hardwoods
A. Quantity (1 000 m^3)												
1970	10 482	4 687	3 943	1 957	1 774	493	96	481	45	841	24 799	25 857
1971	12 978	5 468	4 092	2 318	2 185	568	53	517	19	591	28 789	29 810
1972	15 758	5 551	4 034	2 331	2 571	624	68	562	55	416	31 970	33 167
1973	16 518	6 072	3 707	2 376	3 028	620	83	416	94	417	33 331	34 691
1974	15 520	5 135	3 107	2 131	2 761	553	124	315	76	147	29 869	30 999
1975	13 701	3 549	2 510	1 945	2 409	423	77	263	114	122	25 113	25 917
1976	17 370	5 625	3 214	2 592	2 991	504	101	204	142	142	32 885	33 693
1977	20 700	6 870	3 187	2 535	3 737	541	82	304	92	187	38 235	39 014
1978	21 857	7 093	3 281	2 709	4 818	688	99	337	148	107	41 137	41 980
1979	22 812	6 371	3 535	2 564	5 168	642	86	581	119	131	42 009	42 948
1980	21 654	6 034	2 912	2 594	4 743	570	96	635	104	164	39 515	40 348
1981	21 581	5 091	2 580	2 722	4 759	572	129	779	142	83	38 438	39 180
1982	19 739	4 402	2 237	2 470	3 916	535	283	772	140	67	34 563	35 098
1983	26 377	5 360	2 696	2 976	4 485	631	79	973	181	345	44 104	44 772
1984	31 058	5 370	2 807	3 078	2 185	649	149	560	166	55	46 078	46 802
B. Value ($000 000)												
1970	333	168	146	92	54	26	4	17	3	27	870	925
1971	463	206	173	110	77	30	3	19	2	19	1 102	1 159
1972	735	259	205	142	120	38	4	26	-	22	1 551	1 632
1973	985	402	247	207	168	49	6	27	15	21	2 127	2 227
1974	823	335	203	191	134	48	8	20	15	8	1 785	1 878
1975	694	216	150	158	115	36	5	16	9	9	1 408	1 473
1976	1 007	385	219	272	162	45	9	13	13	9	2 134	2 203
1977	1 381	552	263	332	243	54	7	23	18	16	2 889	2 960
1978	1 810	663	319	436	394	81	10	30	24	9	3 776	3 863
1979	2 123	777	437	542	468	93	11	55	32	12	4 551	4 667
1980	1 831	742	322	420	383	83	11	58	28	16	3 894	4 005
1981	1 749	532	264	412	359	84	15	67	31	8	3 521	3 623
1982	1 475	478	207	388	281	77	26	71	25	6	3 034	3 106
1983	2 360	628	270	577	401	96	11	89	38	34	4 504	4 598
1984	2 735	589	286	588	199	109	20	55	34	5	4 620	4 736

Source: Statistics Canada Cat. No. 35-204.

II - 10. SHIPMENTS OF SOFTWOOD LUMBER[a] BY PROVINCE, 1970-1984

Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
A. Quantity (1 000 m^3)											
1970	46[a]	4	398	594	3 089	1 244	61[a]	222[a]	1 149[a]	18 009	**24 799**
1971	36[a]	3	384	652	3 852	1 445	116[a]	309[a]	1 290[a]	20 693	**28 789**
1972	55[a]	3	384	718	4 563	1 558	153[a]	387[a]	1 444[a]	22 770	**31 970**
1973	45[a]	2	368	628	4 936	1 836	148	456[a]	1 455[a]	23 514	**33 331**
1974	x	-	304	593	4 516	1 794	227[a]	321[a]	1 199[a]	20 920	**29 869**
1975	17	-	289	592	4 333	1 502	146[a]	354[a]	1 017[a]	16 874	**25 113**
1976	9	-	281	686	5 111	1 665	155[a]	347[a]	1 207[a]	23 437	**32 885**
1977	5	-	300	683	6 208	2 062	175[a]	469[a]	1 435[a]	26 920[a]	**38 235**
1978	x	-	334	825	7 088	2 464	191[a]	472[a]	1 466[a]	28 301[a]	**41 137**
1979	21	x	323	978	7 315	2 869	210	450[a]	1 547[a]	28 283[a]	**42 009**
1980	12	x	260	928	7 013	2 833	198	344[a]	1 519	26 399[a]	**39 515**
1981	-	x	253	888	6 947	3 058	215[a]	423[a]	1 783	24 867[a]	**38 438**
1982	x	x	229	584	5 956	2 584	164[a]	387[a]	1 701	22 954[a]	**34 563**
1983	x	x	258	887	7 705	3 141	153[a]	442	2 348	29 167	**44 104**
1984	x	x	273	968	8 117	3 553	135[a]	481	2 683	29 859	**46 078**
B. Value ($000 000)											
1970	2[a]	--	16	23	107	48	2[a]	7[a]	34[a]	632	**870**
1971	2[a]	--	16	27	138	59	4[a]	12[a]	43[a]	801	**1 102**
1972	2[a]	--	19	35	209	80	7[a]	19[a]	66[a]	1 115	**1 551**
1973	3[a]	--	24	44	276	121	9	24[a]	84[a]	1 545	**2 127**
1974	x	-	22	41	250	111	12	15[a]	57[a]	1 277	**1 785**
1975	1	-	22	39	232	91	10[a]	17[a]	49[a]	949	**1 408**
1976	1	-	23	46	302	110	10[a]	19[a]	68[a]	1 556	**2 134**
1977	1	-	26	49	397	155	12[a]	33[a]	95[a]	2 121[a]	**2 889**
1978	x	-	32	69	543	232	16[a]	39[a]	121[a]	2 724[a]	**3 776**
1979	2	x	36	93	645	287	22	39[a]	136[a]	3 289[a]	**4 551**
1980	1	x	32	92	589	263	17	26[a]	112	2 762[a]	**3 894**
1981	-	x	31	84	571	289	18[a]	32[a]	131	2 364[a]	**3 521**
1982	x	x	27	53	470	240	14[a]	27[a]	113	2 089[a]	**3 034**
1983	x	x	34	88	702	329	16[a]	40	201	3 092	**4 504**
1984	x	x	39	95	778	373	15[a]	42	221	3 057	**4 620**

[a]Where softwood lumber figures are not available, the total figure for softwood and hardwood is indicated.

Source: Statistics Canada Cat. No. 35-204.

II - 11. SHIPMENTS OF LUMBER FROM PROVINCE OF ORIGIN TO POINT OF DESTINATION[a], 1980-1986

Point of destination/ year	Province of origin					
	Quebec	Ontario	Alberta	British Columbia	Other provinces	Canada
	1 000 m^3					
A. Canada						
1980	4 671	1 988	860	6 982	914	15 415
1981	4 282	1 851	1 025	7 799	934	15 891
1982	3 228	1 541	1 011	6 645	847	13 272
1983	4 277	1 977	955	8 103	1 052	16 364
1984	4 726	1 994	2 731	8 837	1 048	19 336
1985	5 255	2 218	2 779	10 149	1 244	21 645
1986	5 786	2 356	2 985	9 600	1 346	22 073
B. United States						
1980	1 655	1 439	762	14 697	495	19 048
1981	2 010	1 622	742	12 215	464	17 053
1982	2 123	x	763	12 149	1 677[c]	16 712
1983	2 720	x	1 034	16 781	2 108[c]	22 643
1984	3 008	1 852	22	17 381	639	22 902
1985	3 149	x	257	18 486	2 795[c]	24 687
1986	3 225	x	171	17 370	2 685[c]	23 451
C. Other countries						
1980	534	9	-	5 034	215	5 792
1981	402	25	-	4 155	216	4 798
1982	417	x	-	4 377	231	5 025
1983	345	x	-	4 354	139	4 838
1984	338	22	-	4 040	161	4 561
1985	116	x	-	3 810	78	4 004
1986	176	x	-	3 822	155	4 153
D. Estimated shipments and adjustments[b]						
1980	692	633	-	914	326	2 565
1981	627	667	-	772	387	2 453
1982	1 052	1 064	-	1 152	258	3 526
1983	1 168	739	-	970	407	3 284
1984	745	1 044	-	607	491	2 887
1985	1 284	1 028	-	777	623	3 712
1986	1 402	938	-	675	373	3 388
E. Total shipments						
1980	**7 551**	**4 071**	**1 622**	**27 628**	**1 948**	**42 820**
1981	**7 321**	**4 166**	**1 768**	**24 941**	**1 998**	**40 194**
1982	**6 821**	**3 945[c]**	**1 774**	**24 323**	**1 672**	**38 535**
1983	**8 510**	**4 303[c]**	**1 989**	**30 208**	**2 119**	**47 129**
1984	**8 817**	**4 913**	**2 753**	**30 864**	**2 339**	**49 686**
1985	**9 805**	**5 387[c]**	**3 036**	**33 221**	**2 599**	**54 048**
1986	**10 590**	**5 367**	**3 156**	**31 467**	**2 485**	**53 065**

[a]Census of manufactures monthly survey.

[b]Sawmills in Nova Scotia producing less than 2 360 m^3, sawmills in New Brunswick, Quebec, Ontario, and Manitoba producing less than 4 720 m^3 per year, and sawmills in British Columbia producing less than 7 080 m^3 per year are excluded from this survey. In Saskatchewan, only the Saskatchewan Timber Board and the few relatively large independent mills are asked to report; Alberta data are produced by Alberta. All other mills are estimated. The total shipments are free of duplication.

[c]Including confidential figures for Ontario.

Source: Statistics Canada Cat. No. 35-002 and 35-003.

II - 12. WOOD PULP PRODUCTION BY CATEGORY, 1950-1986

Year	Dissolving and special alpha, sulphite, and sulphate	Chemical					Semi-chemical	Mechanical		Screenings chemical and mechanical	Pulp other than wood pulp	Total
		Sulphite		Sulphate				Groundwood	Defibrated and exploded			
		Bleached	Unbleached	Bleached	Semibleached	Unbleached						
					1 000 t							
1950	305	386	1 315	408	..[a]	548	..	4 455	..	96	174	7 688
1960	356	519	1 559	1 062	257	895	..	5 335	143	66	205	10 398
1970	411	683	1 871	3 660	1 084	1 341	296	6 940	259	64	-	16 610
1971	388	587	1 706	3 853	1 150	1 467	301	6 718	307	65	-	16 543
1972	370	526	1 711	4 391	1 127	1 639	337	6 967	330	55	-	17 453
1973	293	507	1 750	5 049	1 097	1 922	349	7 196	345	55	-	18 564
1974	333	734	1 865	5 409	1 097	1 942	328	7 589	320	62	-	19 679
1975	226	516	1 443	4 219	863	1 314	233	6 007	263	28	-	15 113
1976	222	609	1 648	5 265	1 037	1 560	269	7 036	259	41	-	17 946
1977	230	636	1 621	5 300	1 039	1 574	263	7 226	243	34	-	18 168
1978	341	516	1 787	5 871	1 054	1 942	318	7 910	369	44	-	20 152
1979	311	478	1 806	6 282	1 038	2 061	354	7 956	397	45	-	20 728
1980	271	463	1 671	6 580	1 185	1 998	345	7 748	384	41	-	20 687
1981	274	488	1 769	6 278	1 009	1 921	392	8 085	311	45	-	20 572
1982	219	343	1 407	5 955	1 017	1 649	318	7 214	243	38	110	18 514
1983	221	307	1 378	6 745	1 053	1 752	367	7 913	260	33	165	20 195
1984	228	365	1 432	6 818	966	1 658	408	8 249	129	64	146	20 464
1985[b]	229	328	1 293	7 088	1 083	1 562	318	8 288	130	39	97	20 545
1986[c]	224	427	1 247	7 623	1 187	1 453	324	9 047[d]	..	19	..	21 554

[a]Included with sulphate-bleached wood pulp.
[b]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[c]Canadian Pulp and Paper Association monthly survey.
[d]Including defibrated and exploded.

Source: Statistics Canada Cat. No. 36-204 and Canadian Pulp and Paper Association Reference Tables 1986 and Special Compilation.

II - 13. WOOD PULP PRODUCTION BY REGION, 1950-1986

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Canada
			1 000 t			
1950	3 559	2 085	705	1 008	331	7 688
1960	4 055	2 692	1 927	1 430	294	10 398
1970	5 898	3 601	4 100	2 491	520	16 610
1971	5 666	3 447	4 409	2 419	601	16 543
1972	5 893	3 572	4 576	2 766	646	17 453
1973	5 591	3 669	5 337	3 217	750	18 564
1974	6 353	3 877	5 267	3 305	877	19 679
1975	5 198	2 540	3 998	2 560	817	15 113
1976	5 882	3 060	5 320	2 784	902	17 946
1977	5 860	3 662	4 831	2 876	940	18 168
1978	6 632	4 127	5 426	2 941	1 027	20 152
1979	6 869	4 322	5 523	2 956	1 058	20 728
1980	6 356	4 368	5 782	3 188	993	20 687
1981	6 858	4 394	4 995	3 229	1 096	20 572
1982	6 283	3 753	4 938	2 626	914	18 514
1983	6 510	4 217	5 760	2 784	925	20 195
1984	6 371	4 366	5 370	3 326	1 030	20 464
1985[a]	6 424	4 383	5 955	3 783	..[b]	20 545
1986[c]	6 880	4 259	6 160	4 255	..[b]	21 554

[a]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[b]Included in Atlantic provinces.
[c]Canadian Pulp and Paper Association, monthly survey.

Note: Approximately 76% of the wood pulp is used in production of paper and board in Canada.

Source: Statistics Canada Cat. No. 36-204 and Canadian Pulp and Paper Association Reference Tables 1986.

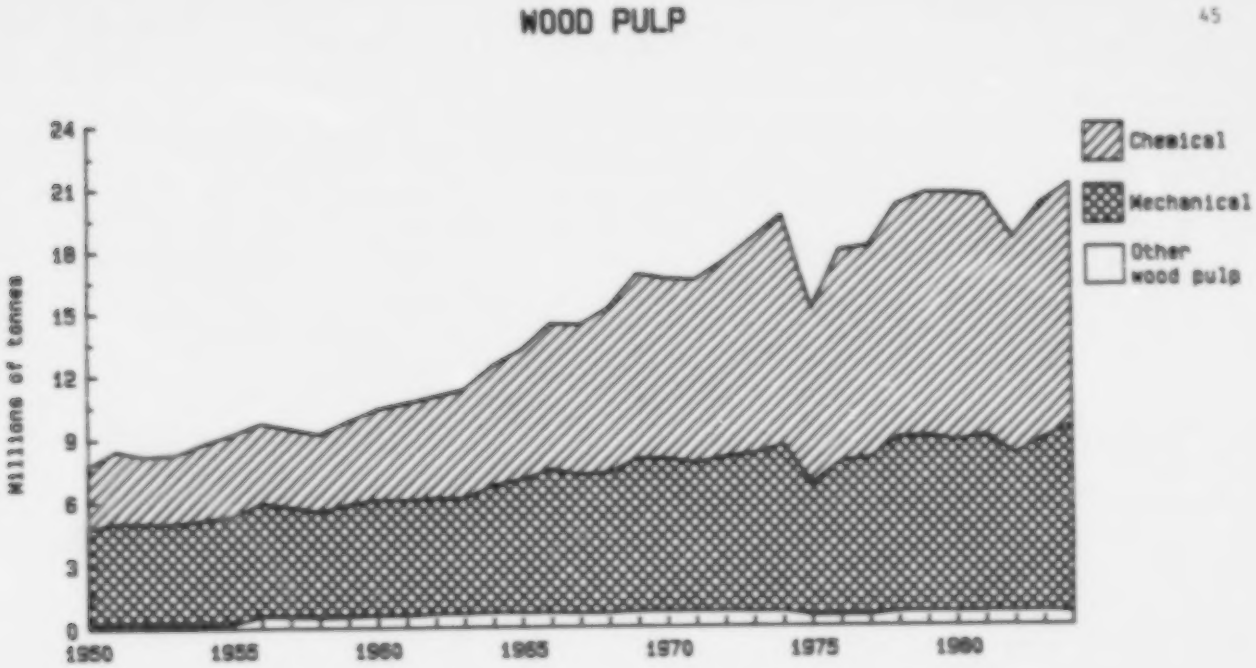

Figure 10. Wood pulp production in Canada, 1950-1984.
Source: Statistics Canada, Cat. No. 36-204.

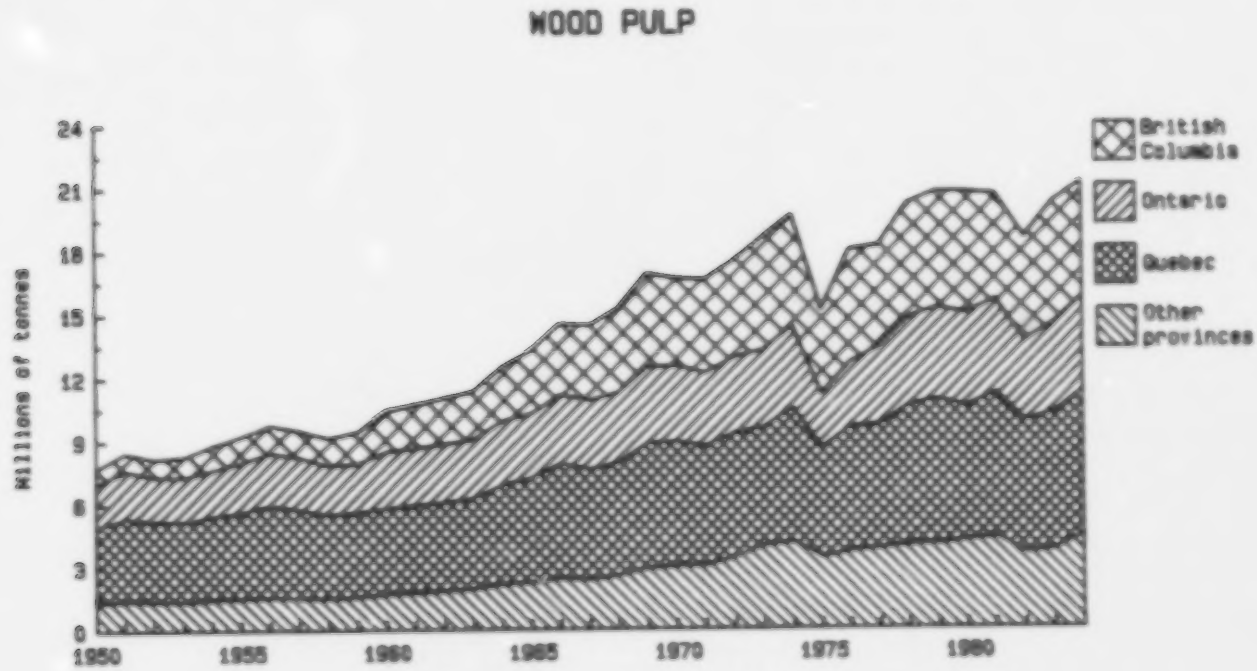

Figure 11. Wood pulp production by region, 1950-1984.
Source: Statistics Canada, Cat. No. 36-204.

11 - 14. SHIPMENTS OF WOOD PULP BY CATEGORY, 1960-1986

Year	Dissolving and special alpha	Chemical					Mechanical	Total
		Sulphite		Sulphate				
		Bleached	Unbleached	Bleached	Semibleached	Unbleached		
A. Quantity (1 000 t)								
1960	347	416	226	996	151	347	314	2 798
1970	394	595	238	3 437	706	413	304	6 046
1971	394	460	173	3 418	428	707	243	5 823
1972	369	460	163	4 248	716	481	260	6 698
1973	296	460	208	4 760	696	494	287	7 200
1974	330	679	206	5 013	685	401	288	7 603
1975	210	462	105	3 853	467	329	224	5 650
1976	214	559	132	4 757	552	288	266	6 769
1977	228	596	107	4 879	663	305	288	7 066
1978	324	492	120	5 764	704	293	323	8 021
1979	324	441	133	5 890	645	292	364	8 089
1980	272	400	133	6 132	671	233	325	8 165
1981	266	406	115	5 874	604	245	327	7 836
1982	220	370	82	5 403	513	186	280	7 012
1983	x	353	x	6 377	591	198	477	8 223
1984	x	331	x	6 397	540	165	653	8 372
1985[a]	..	..	..	..	..	..	..	8 781
1986[b]	259	412	51	6 708	529	133	453	9 311
B. Value ($000 000)								
1960	59	61	27	145	17	33	26	369
1970	77	86	32	544	102	52	21	913
1971	77	72	24	532	53	105	16	878
1972	73	69	21	636	102	58	18	976
1973	62	90	38	878	128	82	24	1 301
1974	110	212	64	1 463	198	108	51	2 205
1975	87	161	31	1 392	168	101	43	1 983
1976	85	181	35	1 625	196	85	48	2 255
1977	95	190	29	1 595	231	81	50	2 271
1978	137	154	33	1 785	218	78	57	2 462
1979	158	182	47	2 445	268	103	85	3 288
1980	166	201	56	3 176	349	103	89	4 141
1981	170	206	50	3 057	319	117	86	4 005
1982	144	143	35	2 651	253	86	74	3 384
1983	x	164	x	2 775	254	72	128	3 519
1984	x	156	x	3 410	289	79	201	4 309

[a]Canadian Pulp and Paper Association est'mates based on Statistics Canada data.
[b]Canadian Pulp and Paper Association monthly survey.

Source: Statistics Canada Cat. No. 36-204 and Canadian Pulp and Paper Association Reference Tables 1986 and Special Compilation.

II - 15. SHIPMENTS OF WOOD PULP FROM PROVINCE OF ORIGIN TO POINT OF DESTINATION, 1980-1986

Point of destination/ year	Province of origin				
	Quebec	Ontario	British Columbia	Other provinces	Canada
			1 000 t		
A. Canada					
1980	543	341	132	173	1 189
1981	543	372	119	164	1 198
1982	540	330	125	137	1 132
1983	649	404	152	153	1 358
1984	525	439	189	252	1 405
1985	514	492	256	239	1 501
1986	602	488	272	275	1 637
B. United States					
1980	442	948	813	1 230	3 433
1981	460	910	698	1 216	3 284
1982	348	762	672	1 074	2 856
1983	388	951	835	1 115	3 289
1984	416	1 023	764	1 224	3 427
1985	383	921	879	1 227	3 410
1986	428	964	879	1 254	3 525
C. Other countries					
1980	238	115	2 689	729	3 771
1981	227	135	2 296	698	3 356
1982	190	92	2 140	550	2 972
1983	190	100	2 550	668	3 508
1984	180	86	2 193	814	3 273
1985	186	117	2 592	705	3 600
1986	284	156	2 849	860	4 149
D. Total shipments					
1980	1 222	1 405	3 635	2 132	8 393
1981	1 230	1 417	3 113	2 078	7 838
1982	1 078	1 184	2 937	1 761	6 960
1983	1 227	1 455	3 537	1 936	8 155
1984	1 121	1 548	3 146	2 290	8 105
1985	1 083	1 530	3 727	2 171	8 511
1986	1 314	1 608	4 000	2 389	9 311

Source: Canadian Pulp and Paper Association monthly survey, Special Compilation.

II - 16. BASIC PAPER AND PAPERBOARD PRODUCTION BY CATEGORY, 1950-1986

Year	Newsprint	Book and writing	Sanitary	Tissue other than sanitary	Wrapping	Building paper	Paper-board	Total
				1 000 t				
1950	4 825	194	59	11	202	83	796	6 180
1960	6 068	366	113	22	292	75	1 159	8 095
1970	7 996	821	199	19	438	101	1 678	11 252
1971	7 733	844	244	18	490	133	1 698	11 161
1972	8 079	881	262	21	542	156	1 941	11 882
1973	8 357	892	271	22	610	149	2 282	12 583
1974	8 710	1 056	302	25	643	143	2 338	13 219
1975	7 010	679	241	17	431	146	1 542	10 066
1976	8 063	842	288	16	526	149	1 908	11 791
1977	8 066	1 116	292	19	556	143	1 944	12 136
1978	8 739	1 377	314	17	628	129	2 171	13 376
1979	8 642	1 606	343	19	617	125	2 290	13 641
1980	8 368	1 636	362	17	544	138	2 319	13 385
1981	8 933	1 599	377	17	523	118	2 388	13 956
1982	7 785	1 721	366	17	466	124	1 982	12 473
1983	8 461	1 767	418[a]	..	471	120	2 229	13 466
1984	8 950	2 001	423[a]	..	476	122	2 387	14 359
1985[b]	8 988	2 177	187	19	527	125	2 295	14 318[c]
1986[d]	9 274	..	..	..	..	..	..	15 244

[a]Including tissue, other than sanitary.
[b]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[c]The total in table II-17 is 14 798t. The difference is in the estimates for newsprint. The figure 8 988t is derived from CPPA's own survey. However the estimate, equivalent to the CPPA figure, based on Statistics Canada data would be 9 468t.
[d]Canadian Pulp and Paper Association monthly survey.

Source: Statistics Canada Cat. No. 36-204, 25-202 and Canadian Pulp and Paper Association Reference Tables 1986 and Special Compilation.

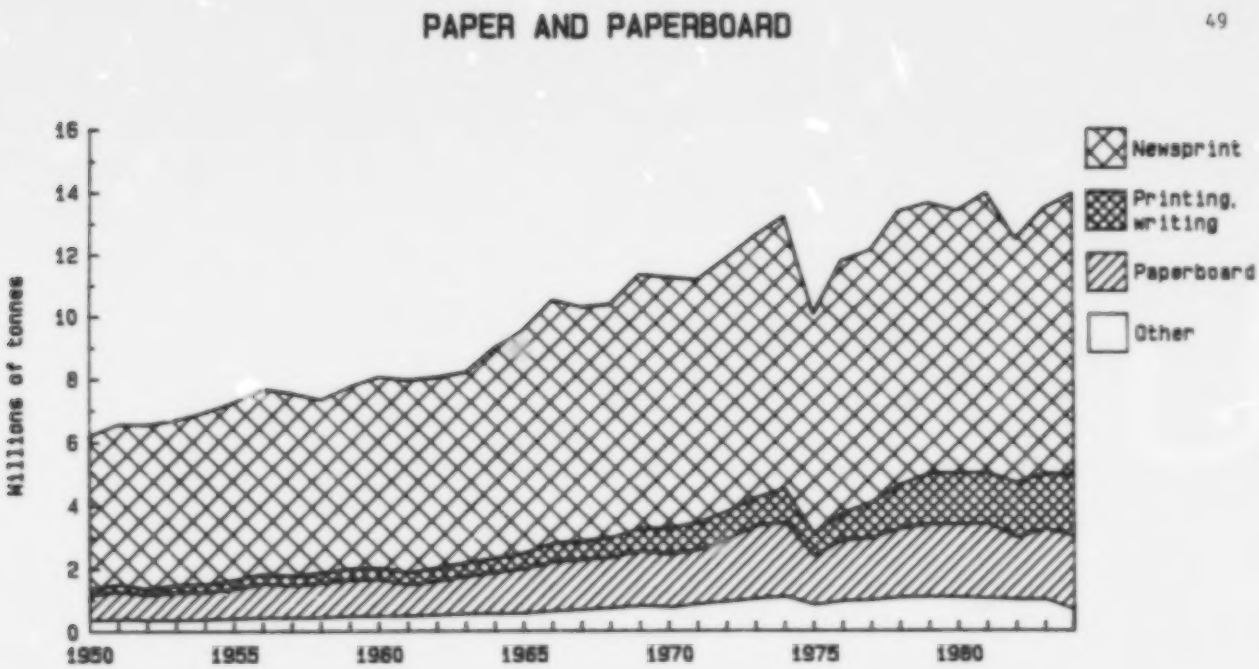

Figure 12. Basic paper and paperboard production in Canada, 1950-1984.

Source: Statistics Canada, Cat. No. 36-204.

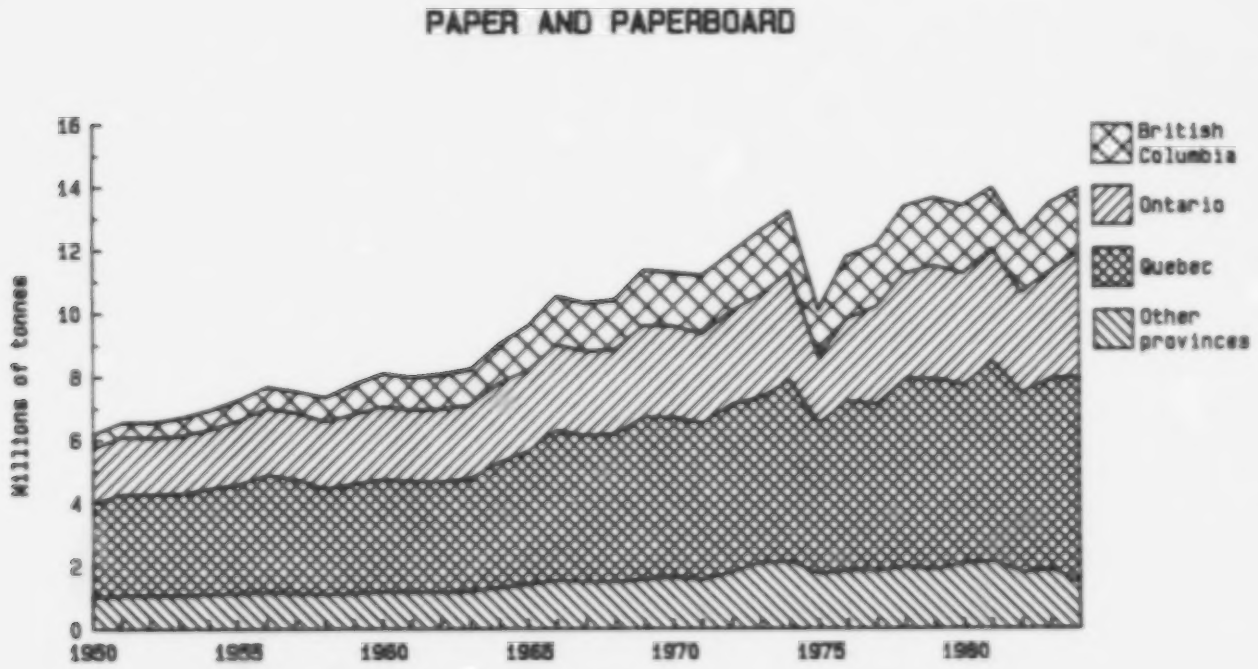

Figure 13. Basic paper and paperboard production by region, 1950-1984.

Source: Statistics Canada, Cat. No. 36-204.

II - 17. BASIC PAPER AND PAPERBOARD PRODUCTION BY CATEGORY AND REGION, 1950-1986

Year	Quebec			Ontario			British Columbia	Other provinces	Canada		
	Newsprint	Other paper and paperboard	Total	Newsprint	Other paper and paperboard	Total	Total paper and paperboard	Total paper and paperboard	Newsprint	Total paper and paperboard	Total
						1 000 t					
1950	2 510	499	3 009	1 125	602	1 727	452	993	4 826	1 355	6 180
1960	2 863	680	3 543	1 459	855	2 313	1 043	1 195	6 068	2 027	8 095
1970	3 766	1 298	5 064	1 686	1 198	2 883	1 675	1 631	7 996	3 256	11 252
1971	3 609	1 348	4 957	1 609	1 220	2 830	1 826	1 545	7 733	3 428	11 161
1972	3 793	1 529	5 322	1 625	1 310	2 935	1 834	1 791	8 079	3 803	11 882
1973	3 671	1 559	5 230	1 769	1 464	3 233	2 029	2 093	8 357	4 226	12 583
1974	4 079	1 657	5 736	1 778	1 626	3 404	1 952	2 128	8 710	4 508	13 219
1975	3 529	1 236	4 765	1 140	959	2 099	1 477	1 725	7 010	3 056	10 066
1976	3 931	1 447	5 378	1 411	1 181	2 592	1 977	1 844	8 063	3 728	11 791
1977	3 726	1 560	5 286	1 610	1 476	3 086	1 952	1 813	8 066	4 070	12 136
1978	4 124	1 830	5 954	1 663	1 654	3 317	2 137	1 967	8 739	4 637	13 376
1979	4 075	1 996	6 071	1 743	1 810	3 553	2 154	1 863	8 642	4 999	13 641
1980	3 800	1 853	5 653	1 734	1 788	3 522	2 147	2 063	8 368	5 017	13 385
1981	4 452	1 880	6 332	1 742	1 820	3 562	1 926	2 136	8 933	5 023	13 956
1982	3 910	1 792	5 702	1 416	1 737	3 153	1 858	1 764	7 785	4 688	12 473
1983	4 156	1 839	5 995	1 576	1 924	3 500	2 126	1 845	8 461	5 005	13 466
1984	4 200	2 192	6 392	1 812	1 966	3 778	2 099	2 090	8 950	5 409	14 359
1985[a]	..	..	6 402	..	..	3 830	2 546	2 020	..	..	14 798
1986[b]	4 285	2 323	6 608	1 773	2 150	3 923	2 601	2 112	9 274	5 970	15 244

[a]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[b]Canadian Pulp and Paper Association monthly survey.

Source: Statistics Canada Cat. No. 25-202, 36-204 and Canadian Pulp and Paper Association Reference Tables 1986 and Special Compilation.

II - 18. SHIPMENTS OF BASIC PAPER AND PAPERBOARD BY CATEGORY, 1960-1986

Year	Newsprint	Book and writing paper	Sanitary	Tissue other than sanitary	Wrapping	Building paper	Paperboard	Total
A. Quantity (1 000 t)								
1960	6 146	363	37	13	273	75	877	7 785
1970	7 951	798	93	14	439	98	1 600	10 994
1971	7 639	822	86	15	492	132	1 646	10 831
1972	8 130	863	102	16	537	155	1 853	11 655
1973	8 373	891	105	18	616	147	2 062	12 214
1974	8 761	1 032	116	20	636	145	2 142	12 853
1975	7 046	680	87	12	422	141	1 504	9 892
1976	7 953	818	98	12	518	152	1 791	11 341
1977	8 111	1 085	108	15	546	140	1 874	11 880
1978	8 773	1 352	116	16	637	129	2 145	13 167
1979	8 667	1 573	137	17	606	125	2 208	13 333
1980	8 419	1 617	133	16	538	151	2 267	13 140
1981	8 836	1 582	138	16	516	125	2 305	13 519
1982	7 740	1 684	129	15	448	120	1 926	12 062
1983	8 440	1 712	122	17	464	120	2 169	13 044
1984	8 992	1 974	163	..	467[a]	122	2 348	14 066
1985[b]	8 965	2 167	186[c]	..	521	125	2 318	14 282
1986[d]	9 301	..	..	..	..	..	..	15 330
B. Value ($000 000)								
1960	793	106	9	5	66	8	140	1 128
1970	1 107	238	26	7	102	9	269	1 757
1971	1 083	242	26	7	115	10	268	1 752
1972	1 177	262	30	8	124	12	313	1 925
1973	1 339	321	32	10	158	13	378	2 252
1974	1 855	496	51	15	242	17	550	3 226
1975	1 847	346	47	10	180	19	412	2 861
1976	2 180	404	62	10	204	21	503	3 383
1977	2 570	559	70	12	210	23	519	3 965
1978	3 004	729	75	13	270	24	615	4 730
1979	3 336	974	89	16	316	26	734	5 491
1980	3 723	1 133	111	17	327	38	856	6 205
1981	4 386	1 205	133	19	327	36	959	7 065
1982	4 057	1 337	138	19	305	33	850	6 740
1983	4 156	1 364	119	21	306	31	966	6 962
1984	4 821	1 711	134	..	340[a]	33	1 156	8 194

[a]Tissue paper, other than sanitary, included with wrapping.
[b]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[c]Including tissue other than sanitary.
[d]Canadian Pulp and Paper Association monthly survey.

Source: Statistics Canada Cat. No. 36-204 and Canadian Pulp and Paper Association Reference Tables 1986 and Special Compilation.

II - 19. SHIPMENTS OF NEWSPRINT FROM PROVINCE OF ORIGIN TO POINT OF DESTINATION, 1980-1986

Point of destination/ year	Province of origin				
	Quebec	Ontario	British Columbia	Other provinces	Canada
			1 000 t		
A. Canada					
1980	523	161	189	108	980
1981	571	192	178	105	1 046
1982	521	141	189	83	934
1983	531	158	174	107	970
1984	608	169	143	150	1 070
1985	580	181	169	102	1 032
1986	615	208	188	110	1 121
B. United States					
1980	2 793	1 589	909	826	6 118
1981	2 991	1 570	780	717	6 058
1982	2 900	1 325	788	582	5 595
1983	3 051	1 470	932	580	6 033
1984	3 212	1 638	892	843	6 585
1985	3 182	1 564	1 005	923	6 674
1986	3 237	1 553	1 024	920	6 734
C. Other countries					
1980	585	9	225	705	1 524
1981	718	10	206	875	1 809
1982	615	16	188	706	1 525
1983	493	1	209	734	1 437
1984	420	-	224	719	1 363
1985	335	-	290	665	1 290
1986	439	6	292	709	1 446
D. Total shipments					
1980	3 900	1 759	1 323	1 639	8 622
1981	4 280	1 772	1 164	1 697	8 913
1982	4 036	1 482	1 165	1 371	8 054
1983	4 075	1 629	1 315	1 421	8 440
1984	4 240	1 807	1 259	1 712	9 018
1985	4 097	1 745	1 464	1 690	8 996
1986	4 291	1 767	1 504	1 739	9 301

Source: Canadian Pulp and Paper Association monthly survey, Special Compilation.

II - 20. SHIPMENTS OF OTHER PAPER AND PAPERBOARD FROM PROVINCE OF ORIGIN TO POINT OF DESTINATION, 1980-1986

Point of destination/ year	Province of origin				
	Quebec	Ontario	British Columbia	Other provinces	Canada
			1 000 t		
A. Canada					
1980	1 401	1 326	376	220	3 323
1981	1 427	1 329	356	213	3 325
1982	1 210	1 257	302	198	2 967
1983	1 314	1 379	319	194	3 206
1984	1 408	1 468	319	202	3 397
1985	1 456	1 506	363	176	3 501
1986	1 529	1 565	422	214	3 730
B. United States					
1980	374	376	37	80	867
1981	356	390	26	23	795
1982	383	356	54	15	808
1983	475	428	110	26	1 039
1984	626	453	124	17	1 220
1985	621	485	224	32	1 362
1986	751	562	264	83	1 660
C. Other countries					
1980	117	58	421	71	667
1981	82	31	318	98	529
1982	54	35	348	100	537
1983	86	20	383	124	613
1984	75	22	363	119	579
1985	51	22	447	75	595
1986	68	22	441	108	639
D. Total shipments					
1980	1 892	1 760	834	371	4 857
1981	1 865	1 750	700	334	4 649
1982	1 647	1 648	704	313	4 312
1983	1 875	1 827	812	344	4 858
1984	2 109	1 943	806	338	5 196
1985	2 128	2 013	1 034	283	5 458
1986	2 348	2 149	1 127	405	6 029

Source: Canadian Pulp and Paper Association monthly survey, Special Compilation.

II - 21. SHIPMENTS OF SELECTED WOOD-BASED PANEL PRODUCTS, 1970-1986

Year	Veneer[a]			Plywood[a]			Other wood-based panels		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Waferboard	Particleboard	Hardboard
A. Quantity (1 000 m^3)									
1970	470	134	604	1 664	191	1 855	..	256[b]	171
1971	526	133	659	1 855	209	2 064	..	378[b]	186
1972	596	151	747	1 996	226	2 222	..	475[b]	217
1973	607	139	746	2 149	250	2 399	..	565[b]	253
1974	489	118	607	1 842	218	2 060	..	507[b]	222
1975	506	99	605	1 979	180	2 159	..	564[b]	194
1976	651	111	762	2 134	190	2 324	285	474	191
1977	750	127	877	2 359	194	2 553	384	514	172
1978	678	164	842	2 576	217	2 793	457	617	198
1979	634	x	x	2 379	x	x	528	703	193
1980	638	x	x	2 248	x	x	577	724	226
1981	616	x	x	1 978	198	2 176	665	697	163
1982	473	x	x	1 646	163	1 809	536	574	118
1983	701	x	x	x	..	2 057	851	706	162
1984	..	..	..	..	..	1 845	1 183	823	144
1985	..	..	..	..	..	1 970	1 331	1 029	151
1986	..	..	..	..	..	1 888	1 356	1 115	136
B. Value ($000 000)									
1970	17	31	48	150	31	181	..	18[b]	..
1971	23	31	54	186	34	220	..	26[b]	..
1972	31	39	70	241	43	284	..	38[b]	..
1973	37	45	82	290	59	349	..	55[b]	..
1974	32	44	76	262	58	320	..	54[b]	..
1975	30	36	66	280	50	330	..	54[b]	..
1976	43	43	86	364	59	423	38	41	..
1977	49	48	97	406	66	472	54	52	..
1978	61	79	139	536	82	618	73	77	..
1979	64	x	x	545	x	x	89	87	..
1980	68	x	x	493	x	x	80	106	..
1981	67	x	x	492	91	583	103	117	..
1982	51	x	x	350	73	423	77	96	..
1983	67	x	x	x	98	x	129	123	..
1984	..	..	..	..	..	..	185	152	..
1985	..	..	..	..	..	..	241	193	..
1986	..	..	..	..	..	..	267	229	..

[a]Annual survey 1970-1983, monthly survey 1984-1986.
[b]Including waferboard.

Source: Statistics Canada Cat. No. 25-202, 35-001, 36-001 and 36-003.

II - 22. SHIPMENTS (VALUE) OF GOODS OF OWN MANUFACTURE FOR SELECTED WOOD INDUSTRIES FROM PROVINCE OF ORIGIN TO FIRST POINT OF DESTINATION, 1984

Province of origin	Destination of shipments[a]													
	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Directly exported	Total
	$000 000													
A. Wood industries														
Nfld.	25	..	..	..	25	..	..	..	..	..	..	..	..	25
P.E.I.	x	x	x	x	x	..	x	..	..	..	..	..	..	10
N.S.	x	x	x	x	x	x	x	x	x	x	x	..	x	118
N.B.	x	x	x	x	186	x	x	x	x	x	x	x	x	284
Atlantic provinces	38	x	x	166	321	19	32	x	x	x	x	x	63	438
Que.	12	x	x	19	46	1 558	276	x	x	x	x	x	487	2 387
Ont.	x	x	x	x	19	109	1 226	13	x	x	x	x	407	1 796
Man.	..	..	..	..	..	x	x	93	x	x	122	1	x	135
Sask.	..	..	x	..	x	x	x	x	x	x	63	..	x	110
Alta.	x	x	2	x	x	x	29	x	x	270	304	39	148	539
Prairies	x	x	x	x	5	20	53	133	71	284	489	39	176	784
B.C.	6	3	14	10	33	124	301	61	x	172	292	1 323	2 496	4 569
Canada	**59**	**21**	**144**	**200**	**424**	**1 830**	**1 888**	**213**	**x**	**473**	**828**	**1 374**	**3 629**	**9 973**
B. Shingle and shake industry														
N.B.	..	x	x	x	x	..	..	..	..	..	..	..	x	5
Que.	..	..	..	x	x	x	x	..	..	..	..	..	x	10
B.C.	x	x	1	x	x	x	x	x	x	x	x	35	86	124
Canada	**x**	**x**	**x**	**3**	**x**	**4**	**1**	**x**	**x**	**x**	**x**	**35**	**95**	**139**
C. Sawmill and planing mill products industry														
Nfld.	9	..	..	..	9	..	..	..	..	..	..	..	..	9
P.E.I.	..	2	..	..	2	..	..	..	..	..	..	..	..	2
N.S.	x	x	x	1	54	x	x	..	..	..	..	..	x	60
N.B.	x	x	x	119	132	x	x	..	..	x	x	..	x	185
Atlantic provinces	x	x	x	119	196	x	x	..	..	x	x	..	49	257
Que.	x	x	x	7	x	799	164	x	..	x	x	x	344	1 329
Ont.	..	..	x	..	x	x	419	x	x	x	x	x	215	669
Man.	..	..	..	..	..	..	x	x	x	..	x	..	x	24
Sask.	..	..	..	..	..	..	x	x	x	x	x	..	x	52
Alta.	..	..	..	..	..	x	x	16	x	x	124	x	116	269
Prairies	..	..	..	..	..	x	x	52	19	104	175	x	139	345
B.C.	2	x	5	4	x	x	207	38	x	x	152	x	2 268	3 666
Canada	**23**	**6**	**66**	**130**	**226**	**892**	**807**	**95**	**x**	**184**	**332**	**992**	**3 016**	**6 265**

[a]Large establishments and head offices classified in the Census of manufactures universe were asked to report the first destination to which goods were shipped.

Source: Statistics Canada Cat. No. 31-530, Census of manufactures.

II - 23. SHIPMENTS (VALUE) OF GOODS OF OWN MANUFACTURE FOR SELECTED PAPER AND ALLIED INDUSTRIES FROM PROVINCE OF ORIGIN TO FIRST POINT OF DESTINATION, 1984

Province of origin	Destination of shipments[a]													
	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Directly exported	Tota
							$000 000							
A. Paper and allied products industries														
Nfld.	x	x	x	x	16	..	x	..	..	..	..	x	x	
N.S.	x	x	x	x	61	32	x	x	x	x	x	x	x	4
N.B.	x	x	x	83	101	38	x	x	..	x	x	x	800	1 0
Atlantic provinces	x	x	x	x	178	70	190	x	x	4	x	x	1 304	
Que.	24	x	x	70	133	1 721	1 032	x	x	31	x	x	2 883	5 8
Ont.	x	x	x	x	135	665	2 782	87	x	119	235	85	1 950	5 8
Man.	x	x	x	x	x	x	30	88	x	x	115	x	x	2
Sask.	..	..	..	..	..	x	x	x	x	x	16	x	x	
Alta.	..	..	x	..	x	x	x	x	x	128	164	x	x	4
Prairies	x	x	x	x	--	44	42	105	49	142	296	x	458	
B.C.	x	x	x	x	4	5	18	x	22	134	174	489	2 455	3 1
Canada	**109**	**17**	**129**	**194**	**449**	**2 506**	**4 063**	**236**	**113**	**429**	**779**	**625**	**9 050**	**17 4**
B. Pulp industry														
N.S.	..	..	..	x	x	x	x	..	..	..	..	..	x	
N.B.	..	..	x	x	x	x	x	..	..	..	..	..	420	5
Atlantic provinces	..	..	x	x	x	x	x	..	..	..	..	..	420	
Que.	..	..	..	22	22	147	45	..	..	..	..	..	270	4
Ont.	x	..	..	..	x	x	194	x	..	x	x	x	387	7
Sask.	..	..	..	..	..	x	x	..	..	..	..	..	x	
Alta.	..	..	..	..	..	..	..	x	..	x	x	..	x	
Prairies	..	..	..	..	..	x	x	x	..	x	x	..	369	
B.C.	..	..	..	x	x	x	..	..	..	x	x	x	1 400	1 5
Canada	**x**	**..**	**x**	**x**	**67**	**306**	**379**	**x**	**..**	**x**	**10**	**133**	**2 846**	**3 7**
C. Newsprint industry														
Nfld.	x	..	..	..	x	..	x	..	..	..	..	..	x	
N.S.	..	x	x	x	x	x	x	..	..	..	..	..	x	
N.B.	..	..	x	x	x	x	x	..	..	x	x	..	x	
Atlantic provinces	x	x	x	10	x	x	x	..	..	x	x	..	x	
Que.	..	..	..	x	x	228	270	x	x	6	x	x	2 282	2 7
Ont.	x	x	x	x	x	x	x	x	x	x	x	x	1 259	1 4
Man.	..	..	..	..	..	..	x	x	x	x	x	x	x	
Prairies	..	..	..	..	..	..	x	x	x	x	x	x	x	
B.C.	..	..	..	..	..	..	..	x	x	37	43	69	913	1 0
Canada	**x**	**x**	**x**	**14**	**81**	**258**	**374**	**x**	**x**	**53**	**100**	**75**	**5 303**	**6 1**

[a]Large establishments and head offices classified in the Census of manufactures universe were asked to report the first destination to which goods were shipped.

Source: Statistics Canada Cat. No. 31-530, Census of manufactures.

SECTION III

COMMODITY TRADE

Exports

Export documents collected by Canada Customs are the basic source of export statistics, except for data on electricity, crude petroleum, and natural gas exported by pipeline.

Provincial Detail: Prior to the 1984 data year, export statistics by province of lading indicated the province in which the goods were first loaded aboard a carrier for export (province of lading). In certain cases this might differ from the province of origin, which is defined as the province in which the goods were grown, extracted, or manufactured.

Commencing with 1984 data, Statistics Canada and Revenue Canada, Customs and Excise have required export shipments to be reported by province of origin. It is understood that there are some problems effecting this change as many exporters are unable to report by province of origin. Therefore, 1984, 1985 and 1986 statistics should be considered only as transitional.

Country and area of destination: Exports are classified according to the country to which they are consigned at the time the goods leave Canada, i.e., to the farthest known destination. (Many primary products are shipped to transhipment points, particularly in Europe, for re-export to the ultimate destination which is unknown when the goods leave Canada.)

Imports

Import documents collected by Canada Customs are the basic source of import statistics, except for data on imports of electricity, which are reported by the importing firms directly to Statistics Canada.

Provincial detail: Import statistics by province of clearance indicate the province in which the goods were cleared by customs either for immediate consumption or for entry into a bonded customs warehouse; this may not always coincide with the province in which the goods are consumed or enter the productive process.

Country and area of consignment: Imports are credited to the country from which goods are consigned to Canada, except for goods originating in Central and South America but consigned to Canada via the United States. The principal trade areas shown in some tables are defined in section X, "User's guide."

Commodity Classification

Export commodities are classified according to the "Export Commodity Classification (XCC)," catalogue 12-502. Import commodities are classified according to the "Canadian International Trade Classification," catalogue 65-502.

III - 1. BALANCE OF TRADE BY MAJOR COMMODITY GROUP, 1984-1985

Commodity	1984 Exports[a] (+)	1984 Imports (-)	1984 Net flow	1985 Exports[a] (+)	1985 Imports (-)	1985 Net flow
			$000 000			
A. Forest products	**15 793**	**1 965**	**+13 828**	**16 290**	**2 034**	**+14 256**
Lumber - Total	4 299	281	+ 4 018	4 630	281	+ 4 349
- Softwoods	4 182	108	+ 4 074	4 524	112	+ 4 412
Plywood, veneer	273	78	+ 195	249	79	+ 170
Particleboard and wood building board	157	24	+ 133	201	28	+ 173
Wood pulp	3 906	129	+ 3 777	3 399	132	+ 3 267
Newsprint	4 784	-	+ 4 784	5 408	-	+ 5 408
Other paper and paperboard	1 427	1 107	+ 320	1 486	1 141	+ 345
Pulpwood	11	13	- 2	8	16	- 8
Pulpwood chips	85	9	+ 76	83	9	+ 74
Other crude wood materials	263	141	+ 122	203	157	+ 46
Other forest products	588	183	+ 405	623	191	+ 432
B. Farm products	**[illegible] 313**	**5 419**	**+ 3 894**	**7 873**	**5 416**	**+ 2 457**
Live animals	520	94	+ 426	468	109	+ 359
Food, feed, beverages, and tobacco	8 792	5 325	+ 3 467	7 405	5 307	+ 2 098
C. Fish products	**1 595**	**487**	**+ 1 108**	**1 845**	**494**	**+ 1 351**
D. Energy	**15 629**	**5 246**	**+10 383**	**17 583**	**5 501**	**+12 082**
Coal and other crude bituminous	1 847	1 095	+ 752	2 010	888	+ 1 122
Crude petroleum	4 404	3 376	+ 1 028	5 972	3 695	+ 2 277
Petroleum and coal products	3 203	692	+ 2 511	3 343	831	+ 2 512
Natural gas	3 923	---	+ 3 923	4 011	---	+ 4 011
Uranium and radioactive elements and isotopes	875	-	+ 875	822	-	+ 822
Electricity	1 378	83	+ 1 295	1 425	87	+ 1 338
E. Metals and minerals	**16 720**	**8 476**	**+ 8 245**	**17 215**	**9 324**	**+ 7 891**
Metal ores, concentrates, and scrap	3 682	1 854	+ 1 828	3 545	1 659	+ 1 886
Iron and steel	2 254	1 641	+ 613	2 391	2 008	+ 383
Nonferrous metals	6 429	2 258	+ 4 171	5 984	2 601	+ 3 383
Other metals and minerals	4 356	2 723	+ 1 633	5 294	3 056	+ 2 238
F. Other products	**52 902**	**72 333**	**-19 431**	**58 038**	**80 514**	**-22 476**
Chemicals and fertilizers - minerals	3 042	1 879	+ 1 163	2 824	1 948	+ 876
Chemicals and fertilizers-non minerals	1 837	3 777	- 1 940	2 137	3 977	- 1 840
Textiles	303	1 735	- 1 432	316	1 886	- 1 570
Machinery	3 722	7 349	- 3 627	3 916	8 642	- 4 726
Transportation and automative products	33 442	30 936	+ 2 506	37 664	37 135	+ 529
Other products	10 556	26 657	-16 101	11 181	26 926	-15 745
Special trade transactions	**432**	**1 534**	**- 1 102**	**397**	**1 631**	**- 1 234**
G. Total	**112 384**	**95 460**	**+16 924**	**119 241**	**104 914**	**+14 327**

[a]Including re-exports.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

COMMODITY CLASSIFICATION

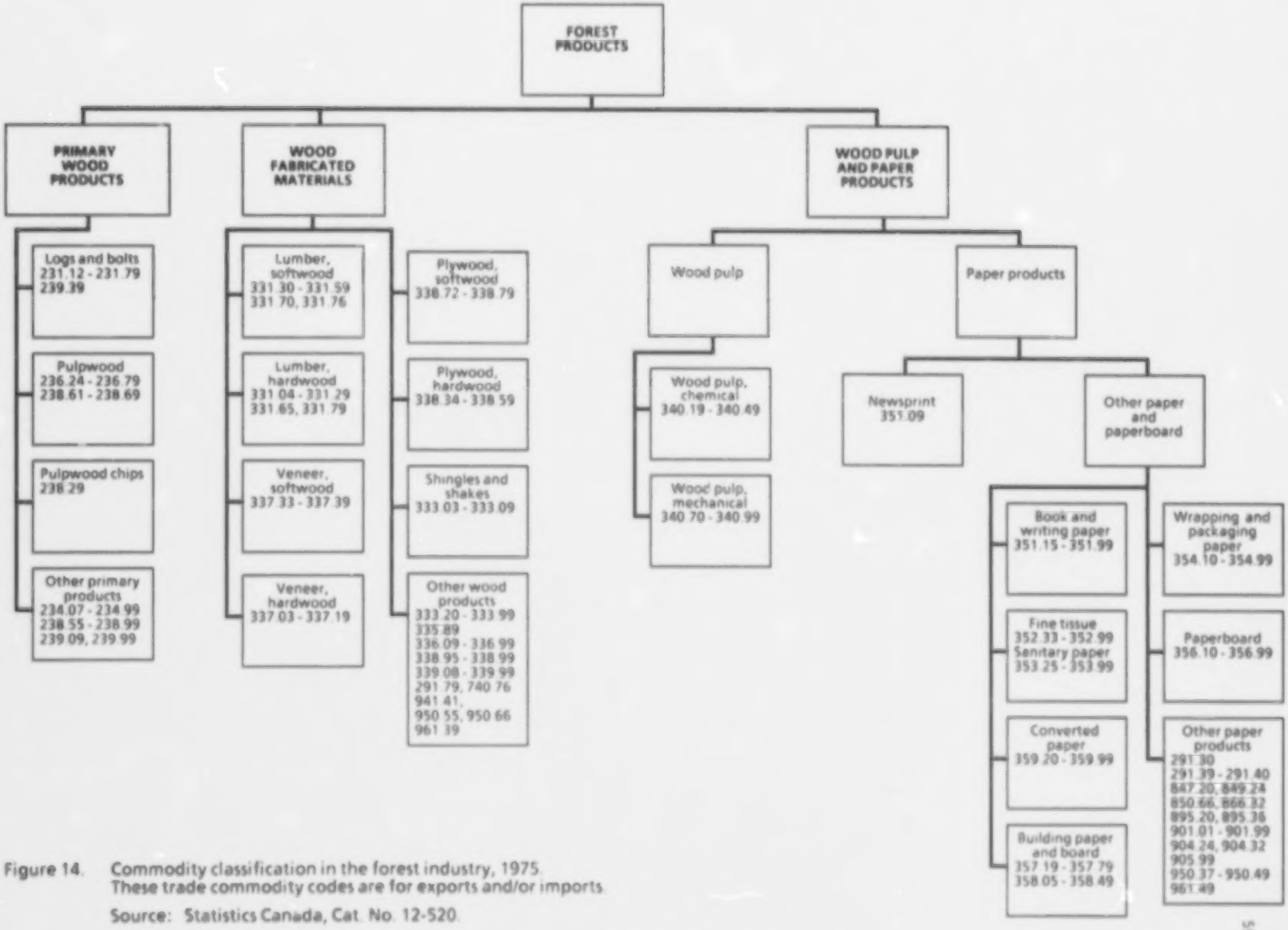

Figure 14. Commodity classification in the forest industry, 1975. These trade commodity codes are for exports and/or imports.

Source: Statistics Canada, Cat. No. 12-520.

III - 2. CANADIAN EXPORTS (VALUE) BY COMMODITY GROUP, 1970-1985

Year	Forest products: Lumber: Soft-woods	Lumber: Total	Wood pulp	News-print	Other paper, paper-board	Other forest products	Total[a]	Agriculture: Farm products[b]	Fish products	Chemicals and fertilizers: Minerals	Other	Energy: Minerals[c]	Elec-tricity	Mines: Other metals and minerals[d]	Other products	Total	Re-exports
	$000 000																
1970	638	664	785	1 110	166	230	**2 955**	1 616	252	335	181	1 007	34	4 055	5 966	**16 401**	419
1971	799	830	798	1 084	173	227	**3 112**	1 838	274	373	156	1 276	48	3 642	6 678	**17 397**	423
1972	1 128	1 174	830	1 158	222	262	**3 646**	2 018	337	389	156	1 701	68	3 698	7 657	**19 671**	479
1973	1 559	1 599	1 082	1 288	286	323	**4 578**	2 677	480	477	194	2 403	109	4 780	9 140	**24 838**	583
1974	1 254	1 290	1 889	1 726	424	297	**5 626**	3 459	411	678	258	4 944	175	6 073	10 050	**31 675**	767
1975	949	973	1 834	1 746	304	270	**5 127**	3 700	447	683	265	5 405	104	5 612	11 205	**32 548**	780
1976	1 611	1 649	2 186	2 003	375	362	**6 575**	3 710	585	868	332	5 279	162	6 626	13 513	**37 690**	825
1977	2 339	2 387	2 158	2 382	468	532	**7 927**	3 816	792	1 066	512	5 315	377	7 601	16 278	**43 684**	870
1978	3 158	3 229	2 181	2 886	616	717	**9 629**	4 200	1 102	1 248	652	6 196	479	8 620	20 134	**52 260**	923
1979	3 821	3 901	3 083	3 222	824	860	**11 890**	5 024	1 290	1 864	855	8 995	729	11 247	22 424	**64 317**	1 324
1980	3 263	3 352	3 873	3 684	1 012	898	**12 819**	7 012	1 251	2 384	1 046	10 997	773	15 298	22 867	**74 446**	1 713
1981	2 913	2 989	3 819	4 326	983	858	**12 975**	7 958	1 483	2 704	1 240	11 514	1 123	14 892	27 447	**81 336**	2 475
1982	2 847	2 913	3 221	4 086	1 028	853	**12 101**	8 639	1 583	2 368	1 234	12 083	1 120	12 563	30 134	**81 825**	2 705
1983	3 896	3 965	3 049	3 956	1 142	1 106	**13 218**	8 865	1 544	2 557	1 447	11 862	1 228	12 711	34 723	**88 155**	2 458
1984	4 182	4 257	3 906	4 784	1 417	1 370	**15 734**	9 257	1 576	3 019	1 766	14 245	1 378	15 731	46 732	**109 437**	2 947
1985	4 524	4 595	3 394	5 407	1 472	1 359	**16 227**	7 811	1 823	2 801	2 085	16 155	1 425	16 155	51 431	**115 913**	3 330

[a]Re-exports not included in forest products.
[b]Farm products: Food, feed, and beverages, including live animals and tobacco.
[c]Energy-minerals: coal and other crude bitumin substances, crude petroleum, natural gas, petroleum and coal products, uranium and radioactive elements and isotopes.
[d]Other metals and minerals: metal ores, concentrates and scrap, iron and steel, non-ferrous metal, metal fabricated basic products, asbestos unmanufactured, sulphur and other crude non-metallic minerals.

Source: Statistics Canada Cat. No. 65-202.

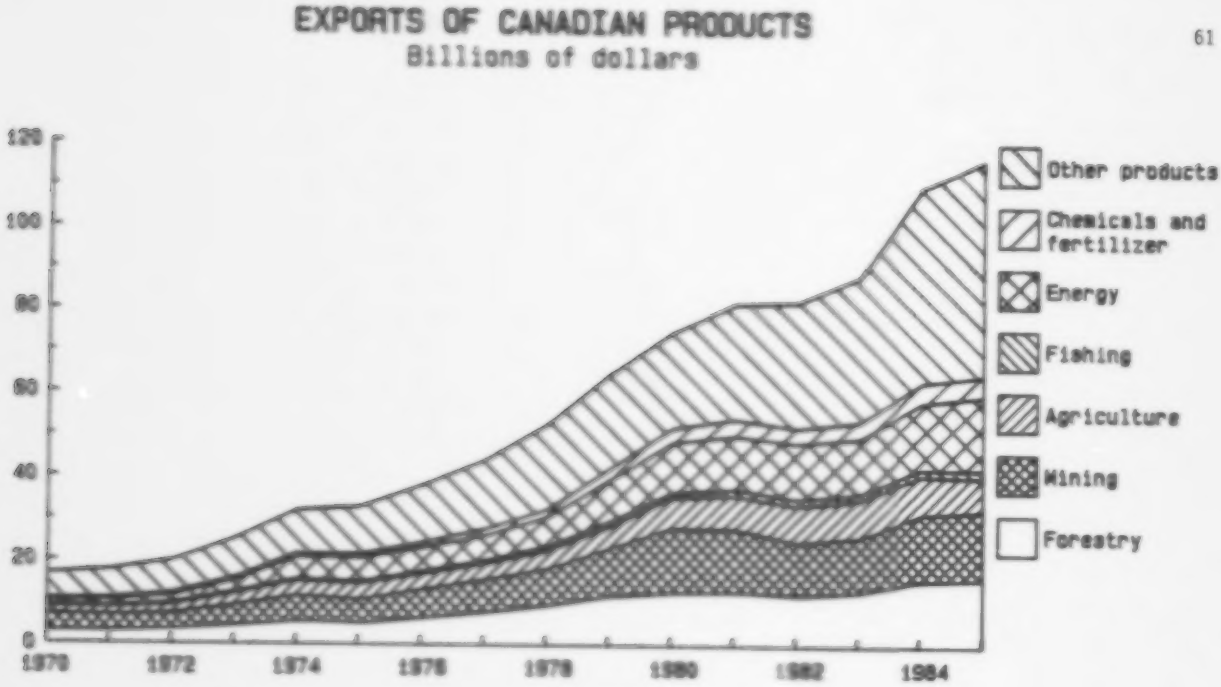

Figure 15. Exports of Canadian products by commodity group, 1970-1985.

Source: Statistics Canada, Cat No. 65-202 and special compilation.

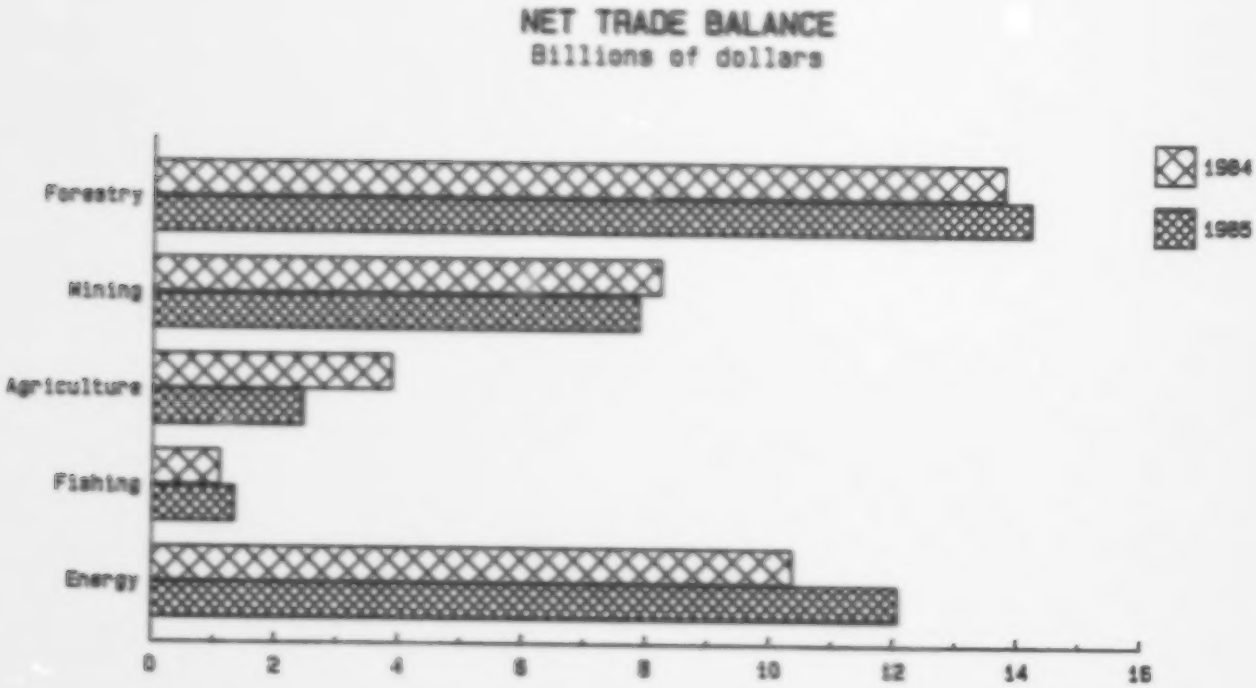

Figure 16. Contribution to net trade balance by commodity group, 1984-1985.

Source: Statistics Canada, Cat. No. 65-202 and special compilation.

III - 3. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY PROVINCE OR REGION OF LADING 1970-1983 AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1984-1985

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
							$000 000							
A. Province or region of lading														
1970	90	1	74	183	348	781	515	13	29	50	92	1 220	--	2 955
1971	76	--	80	199	355	779	498	16	32	53	101	1 379	--	3 112
1972	86	--	88	235	409	839	548	28	40	73	141	1 708	--	3 646
1973	119	1	116	300	536	906	662	36	51	92	179	2 294	--	4 578
1974	180	1	171	450	802	1 210	857	42	58	145	245	2 511	--	5 626
1975	160	1	178	435	774	1 197	747	38	56	167	261	2 148	--	5 127
1976	166	2	168	492	828	1 336	904	44	49	188	281	3 225	1	6 575
1977	198	1	201	545	945	1 604	1 264	56	55	220	331	3 780	2	7 927
1978	177	1	222	579	979	2 086	1 566	73	78	219	370	4 628	1	9 629
1979	229	5	264	674	1 172	2 601	1 956	85	91	289	465	5 696	--	11 890
1980	256	2	318	880	1 456	2 937	2 228	90	123	316	529	5 669	--	12 819
1981	325	1	356	994	1 636	3 404	2 513	124	141	330	595	4 855	1	13 003
1982	316	1	282	725	1 324	3 333	2 365	103	98	292	493	4 586	1	12 101
1983	246	1	231	754	1 231	3 301	2 686	103	114	329	545	5 453	--	13 218
B. Province or region of lading/origin														
1984	286	3	354	1 050	1 693	3 999	3 267	146	140	415	701	6 074	1	15 734
1985	318	2	357	1 019	1 696	4 140	3 437	178	105	407	690	6 264	--	16 227

[a]Excluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

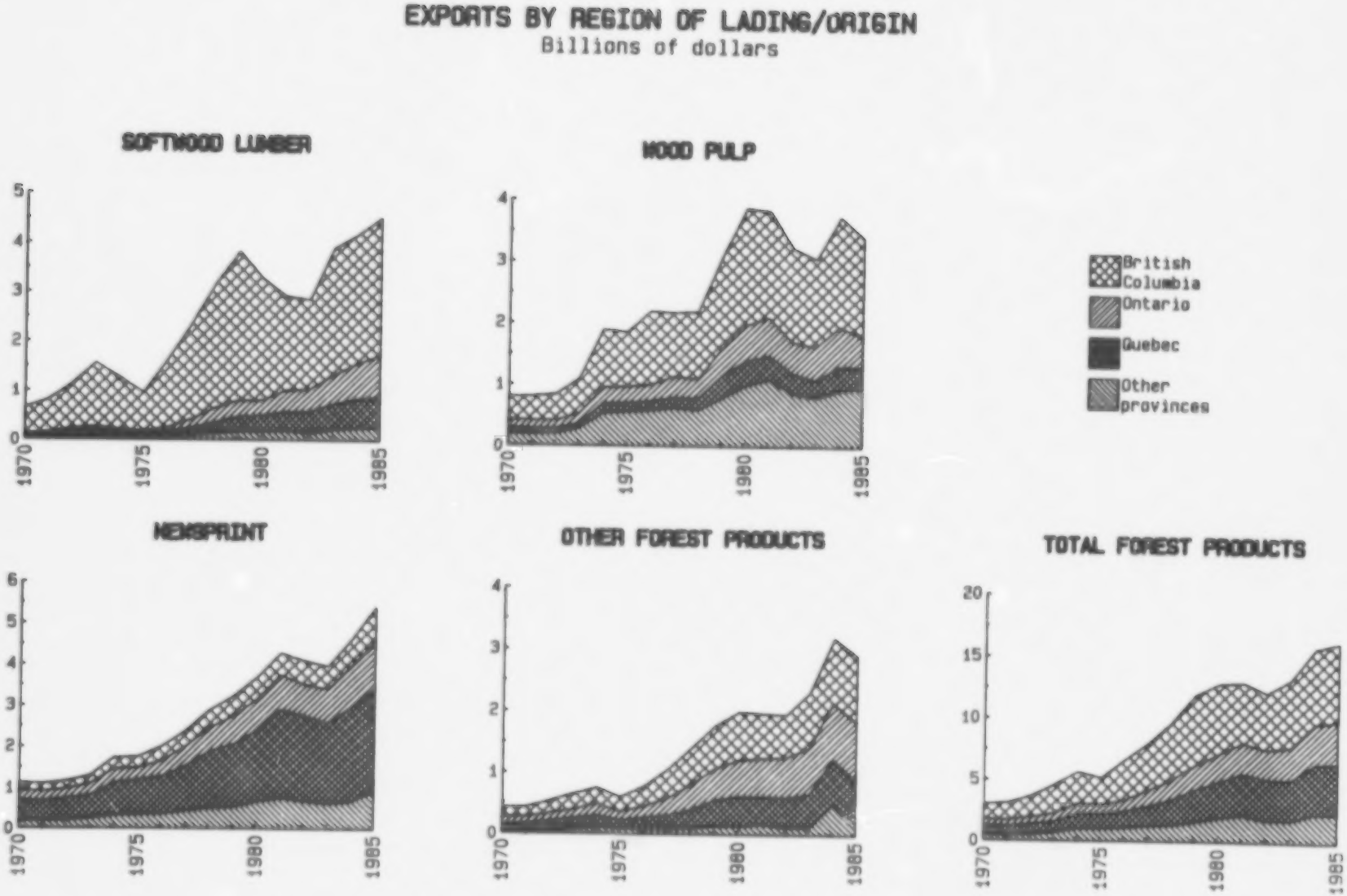

Figure 17. Exports of Canadian forest products by commodity group and region of lading/origin, 1970-1985.

Source: Statistics Canada, Cat. No. 65-202 and special compilation.

III - 4. EXPORTS[a] AND IMPORTS OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP, 1970-1986

Year	Lumber: Softwoods	Lumber: Total	Plywood and veneer	Particle-board and wood building board	Wood-pulp	News-print	Other paper and paperboard	Pulp-wood	Wood chips	Other crude wood materials	Other forest products	Canada: Total forest products	Canada: Total products	Forest products (%)
							$000 000							
A. Exports														
1970	638	664	73	-	785	1 110	167	27	11	40	81	2 958	16 820	17.6
1971	799	830	71	-	798	1 084	174	19	17	28	95	3 116	17 820	17.5
1972	1 128	1 174	97	-	830	1 158	222	14	13	20	122	3 650	20 150	18.1
1973	1 559	1 600	128	-	1 082	1 288	287	12	16	19	150	4 582	25 421	18.0
1974	1 255	1 292	107	-	1 889	1 726	425	13	14	36	129	5 631	32 442	17.4
1975	949	975	90	-	1 834	1 746	305	11	14	36	119	5 130	33 328	15.4
1976	1 611	1 653	102	-	2 186	2 003	378	12	22	40	189	6 585	38 475	17.1
1977	2 339	2 389	149	-	2 158	2 382	471	12	39	59	280	7 935	44 554	17.8
1978	3 158	3 230	212	-	2 181	2 886	618	14	49	53	391	9 634	53 183	18.1
1979	3 821	3 903	248	-	3 083	3 222	827	15	54	77	469	11 898	65 641	18.1
1980	3 265	3 368	237	-	3 873	3 684	1 015	26	91	89	459	12 842	76 159	16.9
1981	2 916	3 029	222	-	3 819	4 326	966	25	98	77	490	13 053	83 811	15.6
1982	2 848	2 954	215	-	3 221	4 086	1 016	8	98	120	470	12 188	84 530	14.4
1983	3 896	3 997	258	92	3 049	3 956	1 148	12	89	174	486	13 261	90 613	14.6
1984	4 182	4 299	273	157	3 906	4 784	1 427	11	85	263	588	15 793	112 384	14.1
1985	4 524	4 630	249	201	3 399	5 408	1 486	8	83	203	623	16 290	119 241	13.7
1986[b]	4 862	4 950	238	182	4 072	5 667	1 733	12	77	225	698	17 854	120 495	14.8
B. Imports														
1970	22	38	28	6	10	-	107	3	-	27	45	264	13 952	1.9
1971	27	45	37	11	15	-	120	3	-	30	53	313	15 618	2.0
1972	38	67	60	15	17	-	145	5	-	47	70	426	18 669	2.3
1973	60	99	78	23	17	-	188	4	-	50	105	564	23 325	2.4
1974	71	117	114	33	19	-	282	8	-	64	152	790	31 722	2.5
1975	71	110	124	30	30	-	346	9	-	56	160	864	34 716	2.5
1976	95	164	97	29	33	-	432	8	-	55	174	992	37 494	2.6
1977	96	171	72	25	35	-	402	11	5	51	199	972	42 363	2.3
1978	94	203	76	25	50	-	469	14	6	69	236	1 147	50 108	2.3
1979	127	271	89	26	79	-	546	21	6	94	298	1 428	62 871	2.3
1980	108	235	64	23	79	-	576	15	2	82	262	1 338	69 274	1.9
1981	130	276	115	29	83	-	722	17	3	75	310	1 628	79 482	2.0
1982	72	177	46	15	88	-	684	15	4	75	198	1 302	67 856	1.9
1983	123	281	88	21	86	-	876	13	7	102	166	1 640	75 520	2.2
1984	108	281	78	24	129	-	1 107	13	9	141	183	1 965	95 460	2.1
1985	112	281	79	28	132	-	1 141	16	9	157	191	2 034	104 914	1.9

[a] Including re-exports.
[b] Re-exports not available.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

III - 5. BALANCE OF TRADE OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP, 1970-1985

Year	Lumber		Plywood and veneer	Particle-board and wood building board	Wood-pulp	Newsprint	Other paper and paperboard	Pulp-wood	Wood chips	Other crude wood materials	Other forest products	Canada	
	Softwoods	Total										Total forest products	Total products
						$000 000							
1970	+ 616[a]	+ 626	+ 45	- 6	+ 775	+1 110	+ 60	+24	+11	+ 13	+ 36	+ 2 694	+ 2 868
1971	+ 772	+ 785	+ 34	- 11	+ 783	+1 084	+ 54	+16	+17	- 2	+ 42	+ 2 803	+ 2 202
1972	+1 090	+1 107	+ 37	- 15	+ 813	+1 158	+ 77	+ 9	+13	- 27	+ 52	+ 3 224	+ 1 481
1973	+1 499	+1 501	+ 50	- 23	+1 065	+1 288	+ 99	+ 8	+16	- 31	+ 45	+ 4 018	+ 2 096
1974	+1 184	+1 175	- 7	- 33	+1 870	+1 726	+143	+ 5	+14	- 28	- 23	+ 4 841	+ 720
1975	+ 878	+ 865	- 34	- 30	+1 804	+1 746	- 41	+ 2	+14	- 20	- 41	+ 4 266	- 1 388
1976	+1 516	+1 489	+ 5	- 29	+2 153	+2 003	- 54	+ 4	+22	- 15	+ 15	+ 5 593	+ 981
1977	+2 243	+2 218	+ 77	- 25	+2 123	+2 382	+ 69	+ 1	+30	+ 8	+ 81	+ 6 963	+ 2 191
1978	+3 064	+3 027	+136	- 25	+2 131	+2 886	+149	-	+43	- 16	+155	+ 8 487	+ 3 075
1979	+3 694	+3 632	+159	- 26	+3 004	+3 222	+281	- 6	+48	- 17	+173	+10 470	+ 2 770
1980	+3 157	+3 133	+173	- 23	+3 794	+3 684	+439	+11	+89	+ 7	+197	+11 504	+ 6 885
1981	+2 786	+2 753	+109	- 29	+3 736	+4 326	+244	+ 8	+95	+ 2	+180	+11 425	+ 4 329
1982	+2 776	+2 777	+169	- 15	+3 133	+4 086	+332	- 7	+94	+ 45	+272	+10 886	+16 674
1983	+3 773	+3 716	+170	+ 71	+2 963	+3 956	+272	- 1	+82	+ 72	+320	+11 621	+15 005
1984	+4 074	+4 018	+195	+133	+3 777	+4 784	+320	- 2	+76	+122	+405	+13 828	+16 924
1985	+4 412	+4 349	+170	+173	+3 267	+5 408	+345	- 8	+74	+ 46	+432	+14 256	+14 327

[a]The + sign means surplus and the - sign means deficit.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

III - 6. DOMESTIC EXPORTS[a] AND IMPORTS OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP, 1950-1985

Year	Logs and bolts	Pulpwood	Wood chips	Lumber		Shingles and shakes	Wood pulp	Newsprint	Other paper and paperboard
				Softwoods	Total				
	1 000 m^3	1 000 m^3	1 000 t	1 000 m^3	1 000 m^3	1 000 m^2	1 000 t	1 000 t	1 000 t
A. Exports									
1950	..	..	194	7 971	8 399	27 164	1 675	4 480	106
1960	..	..	718	10 494	10 768	18 120	2 360	5 616	211
1970	1 295	2 636	881	17 299	17 621	20 462	5 063	7 339	626
1971	786	1 857	768	19 775	20 121	24 321	5 150	7 075	714
1972	332	1 398	607	22 761	23 112	25 126	5 615	7 353	863
1973	230	1 267	722	23 186	23 534	25 018	6 054	7 628	898
1974	752	1 202	588	19 283	19 562	19 358	6 526	7 910	913
1975	416	947	471	15 309	15 466	18 798	4 997	6 354	664
1976	569	905	704	22 613	22 832	24 841	6 116	7 000	788
1977	928	764	916	28 817	29 059	28 206	6 096	7 267	1 369
1978	670	891	1 111	31 419	31 715	33 369	6 641	7 868	1 610
1979	856	797	1 165	31 285	31 548	33 221	7 102	7 778	1 733
1980	1 164	1 066	1 343	29 016	29 290	32 638	7 253	7 718	1 931
1981	963	903	1 307	27 263	27 506	30 786	6 999	7 986	1 646
1982	1 260	287	1 131	27 566	27 807	30 303	6 115	7 081	1 644
1983	2 274	434	1 387	33 887	34 113	38 137	6 806	7 379	1 942
1984	3 408	408	1 305	37 066	37 335	42 427	7 030	8 127	2 040
1985	2 517	378	1 118	38 626	38 867	43 776	7 025	8 275	1 992
B. Imports									
1950	..	..	-	98	187	10	33	-	23
1960	..	..	-	326	544	101	58	-	139
1970	1 608	304	-	399	597	1 642	47	-	199
1971	1 822	281	-	458	716	796	75	-	249
1972	2 668	445	-	545	905	574	96	-	297
1973	2 261	339	-	704	1 075	287	83	-	332
1974	1 882	651	-	753	1 124	865	56	-	432
1975	1 658	555	-	856	1 187	-	82	-	516
1976	1 947	494	-	935	1 512	-	84	-	645
1977	1 764	585	-	764	1 228	-	87	-	449
1978	2 013	672	145	625	1 145	-	129	-	429
1979	2 364	897	160	785	1 409	-	173	-	417
1980	2 039	559	96	671	1 197	-	145	-	380
1981	1 631	591	86	807	1 361	-	141	-	501
1982	1 577	500	51	506	895	-	150	-	393
1983	2 359	457	97	773	1 341	-	292	-	528
1984	2 807	440	118	626	1 203	-	374	-	641
1985	2 963	556	157	663	1 197	-	387	-	659

Source: Statistics Canada Cat. No. 65-202 and 65-203.

III - 7. APPARENT DOMESTIC CONSUMPTION[a] OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP, 1950-1985

Year	Logs and bolts	Pulpwood	Lumber		Wood pulp	Newsprint	Other paper and paperboard
			Softwoods	Total			
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
1950	..	..	6 537	7 253	6 045	345	1 272
1960	..	..	7 694	8 683	8 096	452	1 955
1970	75 957	38 070	8 549	9 564	11 593	657	2 829
1971	80 984	35 326	9 648	10 622	11 468	658	2 963
1972	83 547	37 475	9 508	10 793	11 934	726	3 237
1973	98 917	41 450	12 697	14 185	12 592	729	3 660
1974	86 425	47 483	12 150	13 686	13 208	800	4 027
1975	74 785	36 671	11 859	13 026	10 198	656	2 908
1976	98 513	36 421	13 960	15 502	11 914	1 063	3 585
1977	104 543	36 553	12 541	13 897	12 159	799	3 150
1978	112 879	37 820	12 782	14 317	13 640	871	3 456
1979	115 941	40 342	15 064	16 561	13 799	864	3 683
1980	110 832	38 276	15 179	16 902	13 579	650	3 466
1981	96 986	40 892	12 781	14 072	13 714	947	3 878
1982	89 186	31 297	9 304	10 540	12 549	704	3 437
1983	111 354	38 113	14 510	15 894	13 681	1 082	3 591
1984	116 653	42 083	11 268	12 857	13 808	823	4 010
1985	..	..	14 550	16 191	13 907	713	3 997

[a]Apparent domestic consumption = Production + Imports - Exports.

Source: Statistics Canada Cat. No. 25-201, 35-204, 36-204, 65-202 and 65-203.

III - 8. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP AND PROVINCE OR REGION OF LADING/ORIGIN, 1985

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada[b]
							$000						
A. Primary wood products	**1 117**	**47**	**11 021**	**14 782**	**26 967**	**15 328**	**3 748**	**334**	**200**	**1 282**	**1 816**	**245 142**	**293 488**
Logs, bolts - Total	137	-	7	2 398	2 542	1 943	790	29	-	-	29	158 118	163 908
- Softwood logs	-	-	-	820	820	34	74	9	-	-	9	156 076	157 494
Pulpwood - Total	942	1	876	3 434	5 253	2 899	12	222	-	-	222	13	8 399
- Unpeeled	-	-	3	3 261	3 264	2 220	7	9	-	-	9	8	5 509
Wood chips	-	-	1	5 474	5 475	2 577	1 173	-	-	-	-	74 010	83 235
Other primary products	38	46	10 137	3 476	13 697	7 909	1 772	83	200	1 282	1 565	13 002	37 946
B. Wood-fabricated materials	**266**	**654**	**8 548**	**104 473**	**113 941**	**855 217**	**1 131 805**	**91 220**	**24 996**	**153 410**	**269 626**	**3 289 511**	**5 660 641**
Lumber - Softwoods	203	302	6 213	72 267	78 985	620 541	840 714	84 809	14 501	104 292	203 602	2 779 237	4 523 590
- Hardwoods	26	14	387	1 800	2 227	32 242	34 275	1 313	7	58	1 378	1 607	71 728
Shingles and shakes	-	-	108	8 725	8 833	15 357	383	75	10	131	216	232 627	257 418
Veneer - Softwoods	-	-	-	31	31	620	2 146	-	-	48	48	11 903	14 747
- Hardwoods	-	76	76	546	698	33 914	45 913	-	-	148	148	2 142	82 815
Plywood - Softwoods	2	210	35	18	265	503	365	13	-	274	287	118 865	120 285
- Hardwoods	-	-	79	8	87	8 487	17 725	-	-	92	92	2 284	28 675
Other wood products	35	52	1 649	21 079	22 815	143 554	190 284	5 009	10 478	48 368	63 855	140 847	561 385
C. Wood pulp and paper products	**316 159**	**888**	**337 525**	**900 087**	**1 554 660**	**3 269 536**	**2 301 232**	**86 297**	**79 871**	**252 007**	**418 175**	**2 729 576**	**10 273 178**
Wood pulp - Total	**-**	**72**	**144 506**	**494 093**	**638 671**	**335 958**	**501 180**	**7 776**	**75 496**	**240 165**	**323 437**	**1 594 547**	**3 393 791**
- Chemical	-	72	144 370	390 609	535 051	335 348	501 179	7 751	75 496	240 142	323 389	1 518 979	3 213 945
Paper products	**316 159**	**817**	**193 020**	**405 995**	**915 991**	**2 933 578**	**1 800 052**	**78 521**	**4 375**	**11 841**	**94 737**	**1 135 029**	**6 879 387**
Newsprint	315 842	641	184 399	378 785	879 667	2 501 444	1 139 022	55 239	202	75	55 516	831 720	5 407 368
Other paper and paperboard	317	176	8 620	27 210	36 323	432 134	661 030	23 282	4 173	11 767	39 222	303 309	1 472 019
Book and writing paper	240	51	-	38	329	173 182	291 473	201	-	91	292	64 397	529 674
Fine paper	-	16	-	-	16	27 881	62 740	-	-	23	23	25 337	115 996
Tissue and sanitary	-	-	-	2	2	11 255	26 749	11	-	21	32	15 083	53 122
Wrapping and packaging	-	-	42	2	44	16 527	25 864	13 645	100	89	13 834	69 181	125 449
Paperboard	-	-	17	25 306	25 323	61 174	26 162	109	10	299	418	87 137	200 214
Building paper and board	7	50	7 750	782	8 589	50 285	63 399	6 044	717	7 947	14 708	15 066	152 045
Converted paper	9	2	165	38	214	27 878	81 726	268	-	1 378	1 646	1 173	112 638
Misc. paper products	62	57	646	1 041	1 806	63 952	82 917	3 004	3 347	1 919	8 270	25 936	182 881
Total forest products	**317 542**	**1 589**	**357 094**	**1 019 342**	**1 695 567**	**4 140 081**	**3 436 785**	**177 851**	**105 067**	**406 699**	**689 617**	**6 264 229**	**16 227 308**

[a]Excluding re-exports.
[b]Includes Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 9. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND PROVINCE OR REGION OF LADING/ORIGIN, 1985

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada[b]
A. Primary wood products													
Logs, bolts - Total (1 000 m^3)	1	-	--	77	79	13	6	--	-	--	--	2 415	2 517
- Softwood logs	-	-	-	43	43	1	1	--	-	-	--	2 364	2 414
Pulpwood - Total (1 000 m^3)	25	--	32	199	257	102	--	19	-	-	19	--	378
- Unpeeled	-	-	--	193	193	80	--	--	-	-	--	--	274
Wood chips (1 000 t)	-	-	--	121	121	36	16	-	-	-	-	946	1 117
B. Wood-fabricated materials													
Lumber - Softwoods (1 000 m^3)	2	2	49	606	659	5 178	7 008	702	134	1 206	2 043	23 734	38 626
- Hardwoods	--	--	1	14	15	98	113	10	--	--	10	6	241
Shingles and shakes (1 000 m^2)	-	-	35	1 738	1 774	3 126	109	11	11	25	47	38 720	43 776
Veneer - Softwoods (1 000 m^3)	-	-	-	--	--	2	24	-	-	--	--	56	82
- Hardwoods	-	--	--	1	1	41	56	-	-	--	--	3	101
Plywood - Softwoods (1 000 m^3)	--	1	--	--	1	2	1	--	-	1	1	414	418
- Hardwoods	-	-	--	--	--	14	34	-	-	--	--	4	53
Other wood products (1 000 m^3)	-	--	10	26	36	242	536	10	58	213	281	367	1 463
C. Wood pulp and paper products (1 000 t)	578	2	593	1 689	2 862	4 733	3 410	152	179	499	830	5 456	17 291
Wood pulp - Total	-	--	298	1 015	1 313	600	928	18	173	474	665	3 518	7 025
- Chemical	-	--	297	762	1 059	598	928	18	173	474	665	3 314	6 565
Paper products	578	2	295	675	1 549	4 133	2 482	134	6	26	165	1 937	10 266
Newsprint	578	2	281	604	1 464	3 632	1 701	88	--	--	89	1 389	8 275
Other paper and paperboard	--	--	14	71	85	502	781	46	5	25	76	548	1 992
Book and writing paper	--	--	-	--	--	203	369	--	-	--	--	78	651
Fine paper	-	--	-	-	--	30	67	-	-	--	--	23	120
Tissue and sanitary	-	-	-	--	--	12	25	--	-	--	--	17	53
Wrapping and packaging	-	-	--	--	--	15	19	28	--	--	29	148	211
Paperboard	-	-	--	68	68	121	56	--	--	--	1	246	492
Building paper and board	--	--	14	2	16	112	226	17	5	24	46	35	434
Converted paper	--	-	--	--	--	9	19	--	-	1	1	1	30

[a]Excluding re-exports
[b]Includes Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 10. IMPORTS OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP AND PROVINCE OR REGION OF CLEARANCE, 1985

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada[a]
							$000						
A. Primary wood products	**934**	-	**1 406**	**15 297**	**17 637**	**115 840**	**31 619**	**256**	**739**	**338**	**1 333**	**15 443**	**182 166**
Logs, bolts - Total	-	-	2	6 565	6 568	109 818	14 357	31	5	-	36	1 974	**132 753**
- Softwood logs	-	-	2	4 452	4 454	88 449	2 572	3	-	-	3	1 956	**97 434**
Pulpwood - Total	-	-	-	11	11	934	9 888	-	-	-	-	5 667	**16 500**
- Unpeeled	-	-	-	11	11	920	9 429	-	-	-	-	5 667	**16 027**
Wood chips	1	-	-	8 569	8 570	-	229	3	6	6	16	86	**8 901**
Other primary products	932	-	1 404	152	2 489	5 088	7 144	222	728	332	1 282	7 715	**24 012**
B. Wood-fabricated materials	**375**	**55**	**3 230**	**10 672**	**14 333**	**118 211**	**257 750**	**19 382**	**5 281**	**13 087**	**37 750**	**150 371**	**578 420**
Lumber - Softwoods	-	2	65	4 822	4 889	13 997	36 221	2 051	330	1 267	3 648	53 621	**112 382**
- Hardwoods	23	3	1 506	1 250	2 782	51 071	86 013	10 296	2 395	4 124	16 815	11 735	**168 416**
Shingles and shakes	-	-	-	-	-	-	-	-	-	-	-	-	-
Veneer - Softwoods	-	-	21	-	21	1 680	631	-	1	69	69	11 082	**13 483**
- Hardwoods	-	-	-	25	25	7 933	12 451	24	261	606	891	1 632	**22 932**
Plywood - Softwoods	-	-	4	1	5	412	3 827	-	-	24	25	1 218	**5 487**
- Hardwoods	-	-	37	103	141	10 040	10 871	11	-	10	22	16 040	**37 114**
Other wood products	352	50	1 597	4 471	6 470	33 078	107 736	7 000	2 294	6 987	6 280	55 043	**218 606**
C. Wood pulp and paper products	**2 272**	**62**	**5 115**	**47 478**	**54 927**	**291 966**	**747 980**	**44 850**	**3 076**	**23 724**	**71 650**	**106 899**	**1 273 432**
Wood pulp - Total	-	-	**3**	**5 911**	**5 913**	**38 059**	**68 769**	-	-	**571**	**571**	**18 555**	**131 869**
- Chemical	-	-	-	5 909	5 909	32 729	63 691	-	-	563	563	18 545	**121 437**
Paper products	**2 272**	**62**	**5 112**	**41 568**	**49 014**	**253 907**	**679 211**	**44 850**	**3 076**	**23 153**	**71 079**	**88 344**	**1 141 563**
Book and writing paper	42	-	168	23 088	23 298	49 247	93 971	8 294	176	3 061	11 531	9 475	**187 522**
Fine paper	12	-	55	7 401	7 468	27 849	93 953	12 819	536	4 143	17 499	12 143	**158 912**
Tissue and sanitary	31	-	166	861	1 058	18 679	17 636	310	4	98	412	559	**38 344**
Wrapping and packaging	2	-	51	1 426	1 478	10 480	21 200	6 109	12	201	6 322	1 266	**40 746**
Paperboard	1 404	-	880	2 049	4 334	23 096	78 291	4 146	124	7 327	11 598	17 476	**134 795**
Building paper and board	1	4	64	299	367	17 548	21 830	1 259	550	285	2 093	7 881	**49 719**
Converted paper	167	-	1 637	1 389	3 193	40 099	135 426	2 515	389	1 840	4 744	16 119	**199 581**
Misc. paper products	612	59	2 091	5 055	7 817	66 908	216 904	9 397	1 285	6 199	16 880	23 425	**331 943**
Total forest products	**3 580**	**118**	**9 752**	**73 448**	**86 897**	**526 017**	**1 037 349**	**64 488**	**9 096**	**37 149**	**110 733**	**272 713**	**2 034 018**

[a]Includes Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 11. IMPORTS OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND PROVINCE OR REGION OF CLEARANCE, 1985

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
A. Primary wood products													
Logs, bolts - Total (1 000 m^3)	-	-	--	156	156	2 546	183	1	--	-	1	77	2 963
- Softwood logs	-	-	--	117	117	2 247	74	--	-	-	--	77	2 516
Pulpwood - Total (1 000 m^3)	-	-	-	1	1	28	360	-	-	-	-	184	573
- Unpeeled	-	-	-	1	1	27	344	-	-	-	-	184	556
Wood chips (1 000 t)	--	-	-	147	147	-	5	--	--	--	--	5	157
B. Wood-fabricated materials													
Lumber - Softwoods (1 000 m^3)	-	--	--	39	40	85	168	12	2	8	21	349	663[a]
- Hardwoods	--	--	7	5	12	172	281	26	5	9	40	28	534
Shingles and shakes (1 000 m^2)	-	-	-	-	-	-	-	-	-	-	-	-	-
Veneer - Softwoods (1 000 m^3)	-	-	--	-	--	4	2	-	--	--	--	50	57
- Hardwoods	-	-	-	--	--	9	11	--	--	--	1	2	22
Plywood - Softwoods (1 000 m^3)	-	-	--	--	--	1	11	--	-	--	--	4	16
- Hardwoods	-	-	--	--	--	27	25	--	-	--	--	33	85
Other wood products (1 000 m^3)	-	-	--	1	1	39	39	2	--	8	10	63	153
C. Wood pulp and paper products (1 000 t)													
Wood pulp - Total	3	--	2	41	47	225	465	32	2	17	51	95	883
- Chemical	-	-	--	11	11	65	117	-	-	1	1	30	224
Paper products	-	-	-	11	11	59	114	-	-	1	1	30	215
Newsprint	3	--	2	30	35	160	349	32	2	16	51	65	659
Other paper and paperboard	-	-	-	-	-	-	-	-	-	-	-	-	-
Book and writing paper	3	--	2	30	35	160	349	32	2	16	51	65	659
Fine paper	--	-	--	18	18	45	82	7	--	4	11	8	164
Tissue and sanitary	--	-	--	6	6	18	50	7	--	2	9	9	93
Wrapping and packaging	--	-	--	--	--	6	6	--	--	--	--	--	13
Paperboard	--	-	--	2	2	15	19	10	--	--	10	1	48
Building paper and board	3	-	1	3	8	39	119	6	--	9	15	28	208
Converted paper	--	--	--	--	--	25	22	2	1	--	3	12	63
	--	-	--	--	1	12	50	1	--	1	2	6	71

[a]Including Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 12. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP AND MAJOR TRADE GROUP, 1985

Commodity	United States	South and Central America	Africa	Europe: United Kingdom	Europe: Other EEC	Europe: Scandinavia	Europe: Europe	Asia: Japan	Asia: Asia	Oceania	World[b]
						$000					
A. Primary wood products	**102 341**	**901**	**303**	**35**	**4 147**	**2 878**	**7 159**	**149 483**	**182 761**	**21**	**293 488**
Logs, bolts - Total	22 939	-	-	30	1 695	137	1 961	106 714	138 988	21	**163 908**
- Softwood logs	20 672	-	-	1	23	-	26	106 448	136 774	21	**157 494**
Pulpwood - Total	5 927	-	-	-	1 646	-	1 646	-	827	-	**8 399**
- Unpeeled	5 509	-	-	-	-	-	-	-	-	-	**5 509**
Wood chips	36 950	-	-	-	775	2 741	3 516	42 769	42 769	-	**83 235**
Other primary products	36 526	901	303	6	31	-	37	-	177	-	**37 946**
B. Wood-fabricated materials	**4 686 172**	**29 245**	**29 364**	**193 297**	**158 504**	**3 773**	**364 402**	**407 164**	**466 597**	**83 683**	**5 660 641**
Lumber - Softwoods	3 741 655	24 341	27 516	114 840	82 347	-	203 072	398 246	445 281	81 089	**4 523 590**
- Hardwoods	33 594	1 481	745	9 377	16 670	1 291	27 968	3 233	7 887	38	**71 728**
Shingles and shakes	254 176	143	22	448	1 782	-	2 335	72	164	537	**257 418**
Veneer - Softwoods	14 563	39	-	-	21	-	45	83	99	-	**14 747**
- Hardwoods	67 015	25	283	451	6 284	1 623	9 345	552	6 080	66	**82 815**
Plywood - Softwoods	9 425	381	34	57 496	46 313	636	105 117	4 468	4 478	814	**120 285**
- Hardwoods	28 417	67	8	-	161	-	161	-	13	-	**28 675**
Other wood products	537 326	2 768	756	10 686	4 926	223	16 359	510	2 594	1 137	**561 385**
C. Wood pulp and paper products	**7 729 774**	**282 125**	**50 157**	**353 641**	**703 643**	**21 127**	**1 114 564**	**486 984**	**994 254**	**100 913**	**10 273 178**
Wood pulp - Total	**1 827 639**	**47 401**	**12 108**	**161 874**	**615 891**	**16 335**	**827 479**	**396 070**	**649 132**	**29 227**	**3 393 791**
- Chemical	1 748 015	41 562	12 108	119 084	612 885	16 335	781 681	356 860	600 547	29 227	**3 213 945**
Paper products	**5 902 135**	**234 725**	**38 049**	**191 766**	**87 753**	**4 792**	**287 085**	**90 913**	**345 122**	**71 687**	**6 879 387**
Newsprint	4 688 940	183 280	23 692	158 724	54 948	44	216 157	48 560	238 807	56 318	**5 407 368**
Other paper and paperboard	1 213 195	51 445	14 357	33 042	32 805	4 748	70 927	42 354	106 315	15 369	**1 472 019**
Book and writing paper	512 447	3 867	1 448	90	85	-	199	6 187	9 224	2 488	**529 674**
Fine paper	99 882	6 745	782	262	113	-	412	16	6 009	2 166	**115 996**
Tissue and sanitary	47 481	872	475	994	66	5	1 065	-	987	2 239	**53 122**
Wrapping and packaging	59 663	6 241	4 480	12 601	7 403	1 663	21 667	14 298	33 282	115	**125 449**
Paperboard	85 713	22 312	4 360	13 494	21 974	2 452	37 921	19 850	49 594	281	**200 214**
Building paper and board	148 102	779	1	1 287	778	6	2 084	810	986	47	**152 045**
Converted paper	105 053	979	1 591	2 312	296	300	2 967	92	479	1 554	**112 638**
Misc. paper products	154 855	9 647	1 221	2 002	2 089	323	4 612	1 100	5 752	6 479	**182 881**
Total forest products	**12 518 288**	**312 271**	**79 824**	**546 973**	**866 294**	**27 778**	**1 486 125**	**1 043 631**	**1 643 613**	**184 618**	**16 227 308**

[a]Excluding re-exports.
[b]Includes St. Pierre and Miquelon and Greenland.

Source: Statistics Canada Special Compilation, International Trade Division

III - 13. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND MAJOR TRADE GROUP, 1985

Commodity	United States	South and Central America	Africa	Europe				Asia		Oceania	World[b]
				United Kingdom	Other EEC	Scandi-navia	Europe	Japan	Asia		
A. Primary wood products											
Logs, bolts - Total (1 000 m^3)	519	-	-	--	8	1	10	1 461	1 988	--	2 517
- Softwood logs	467	-	-	--	8	-	1	1 457	1 946	--	2 414
Pulpwood - Total (1 000 m^3)	290	-	-	-	66	-	66	-	21	-	378
- Unpeeled	274	-	-	-	-	-	-	-	-	-	274
Wood chips (1 000 t)	579	-	-	-	8	45	53	485	485	-	1 118
B. Wood-fabricated materials											
Lumber - Softwoods (1 000 m^3)	33 811	189	199	868	391	-	1 280	2 348	2 745	397	38 626
- Hardwoods	170	4	2	17	28	2	48	7	18	--	241
Shingles and shakes (1 000 m^2)	43 295	29	4	59	252	-	326	9	26	86	43 776
Veneer - Softwoods (1 000 m^3)	81	--	-	-	--	-	--	1	1	-	82
- Hardwoods	83	--	--	--	7	2	11	1	7	--	101
Plywood - Softwoods (1 000 m^3)	17	1	--	214	158	3	377	20	20	3	418
- Hardwoods	51	--	--	-	1	-	1	-	--	-	53
Other wood products (1 000 m^3)	1 443	--	-	9	3	--	13	--	5	1	1 463
C. Wood pulp and paper products (1 000 t)	**11 987**	**518**	**84**	**677**	**1 506**	**47**	**2 311**	**1 075**	**2 208**	**181**	**17 291**
Wood pulp - Total	**3 551**	**110**	**27**	**337**	**1 333**	**36**	**1 783**	**873**	**1 487**	**66**	**7 025**
- Chemical	3 359	91	27	252	1 323	36	1 687	755	1 333	66	6 565
Paper products	**8 436**	**407**	**57**	**340**	**173**	**11**	**529**	**201**	**721**	**116**	**10 266**
Newsprint	6 949	325	38	273	92	--	370	100	483	109	8 275
Other paper and paperboard	1 487	82	19	67	81	11	159	101	237	7	1 992
Book and writing paper	627	5	2	--	--	-	--	10	15	3	651
Fine paper	102	7	1	--	--	-	--	--	8	2	120
Tissue and sanitary	49	1	1	--	--	--	1	-	1	1	53
Wrapping and packaging	72	12	7	30	18	4	52	30	67	--	211
Paperboard	184	56	7	33	59	8	100	60	144	--	492
Building paper and board	425	2	--	2	3	--	5	2	3	--	434
Converted paper	27	--	1	1	--	--	1	--	--	1	30

[a]Excluding re-exports.
[b]Includes St. Pierre and Miquelon and Greenland.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 14. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1985

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada	%
							$000							
United States	**86 537**	**716**	**278 824**	**665 559**	**1 031 636**	**3 726 384**	**3 343 605**	**173 622**	**70 882**	**401 256**	**645 760**	**3 770 340**	**12 518 288**	**77.1**
Softwood lumber	111	302	585	65 847	66 845	586 216	838 485	83 694	14 473	104 057	202 224	2 047 382	3 741 655	
Wood pulp	-	72	87 370	286 287	373 729	227 252	484 269	7 652	41 407	235 114	284 173	458 217	1 827 639	
Newsprint	86 108	12	172 040	257 036	515 196	2 309 320	1 136 667	55 239	202	75	55 516	670 241	4 688 940	
Central America	**29 109**	**28**	**3 456**	**25 185**	**57 778**	**38 110**	**14 506**	**233**	**-**	**23**	**256**	**52 035**	**162 686**	**1.0**
Softwood lumber	26	-	2	155	183	10 611	1 544	4	-	-	4	11 696	24 037	
Wood pulp	-	-	-	1 089	1 089	36	-	36	-	23	59	16 859	18 043	
Newsprint	29 083	-	2 648	15 792	47 523	15 181	55	-	-	-	-	10 247	73 006	
South America	**38 600**	**613**	**10 089**	**16 530**	**66 032**	**34 715**	**1 784**	**-**	**-**	**-**	**-**	**47 053**	**149 585**	**0.9**
Softwood lumber	-	-	-	-	-	-	-	-	-	-	-	304	304	
Wood pulp	-	-	377	523	900	999	-	-	-	-	-	27 459	29 358	
Newsprint	38 800	613	9 711	12 615	61 739	31 411	40	-	-	-	-	17 083	110 274	
Middle East and North Africa	**29 224**	**-**	**3 704**	**4 348**	**37 276**	**13 928**	**1 701**	**67**	**-**	**19**	**86**	**62 860**	**115 852**	**0.7**
Softwood lumber	-	-	45	-	45	7 650	17	-	-	-	-	34 939	42 651	
Wood pulp	-	-	3 600	3 181	6 781	1 050	-	-	-	-	-	13 443	21 274	
Newsprint	28 851	-	-	-	28 851	1 364	-	-	-	-	-	155	30 370	
United Kingdom	**25 673**	**8**	**20 100**	**91 312**	**137 093**	**129 860**	**22 587**	**1 016**	**2 801**	**15**	**3 832**	**253 600**	**546 973**	**3.4**
Softwood lumber	53	-	5 265	4 306	9 624	11 374	258	-	-	12	12	93 571	114 840	
Wood pulp	-	-	14 746	59 266	74 012	15 131	5 534	-	2 801	-	2 801	64 396	161 874	
Newsprint	25 607	-	-	27 246	52 853	89 533	-	-	-	-	-	16 339	158 724	
Other EEC countries	**24 524**	**209**	**20 266**	**99 666**	**144 665**	**106 917**	**26 802**	**261**	**10 319**	**1 059**	**11 639**	**576 274**	**866 294**	**5.3**
Softwood lumber	13	-	72	1 938	2 023	4 403	55	-	15	-	15	75 852	82 347	
Wood pulp	-	-	18 813	91 023	109 836	61 986	11 238	-	10 274	976	11 250	421 582	615 891	
Newsprint	23 927	-	-	6 396	30 323	20 101	45	-	-	-	-	4 478	54 948	
Scandinavia	**137**	**-**	**9 076**	**1 299**	**10 512**	**1 905**	**2 584**	**81**	**-**	**-**	**81**	**12 696**	**27 778**	**0.2**
Softwood lumber	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wood pulp	-	-	9 049	-	9 049	-	-	-	-	-	-	7 286	16 335	
Newsprint	-	-	-	-	-	44	-	-	-	-	-	-	44	

III - 14. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1985 (CONCLUDED)

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada	%
							$000							
China, People's Rep.	61 574	-	-	13 328	74 902	11 966	31	-	-	-	-	148 256	235 156	1.5
Softwood lumber	-	-	-	-	-	-	-	-	-	-	-	29 677	29 677	
Wood pulp	-	-	-	2 024	2 024	1 591	-	-	-	-	-	62 421	66 036	
Newsprint	61 574	-	-	11 304	72 878	10 332	-	-	-	-	-	15 499	98 709	
Japan	128	-	7 544	84 773	92 445	9 979	1 471	1 151	20 704	4 264	26 119	913 151	1 043 631	6.4
Softwood lumber	-	-	-	-	-	5	-	1 090	-	205	1 925	396 937	398 246	
Wood pulp	-	-	7 532	41 550	49 082	5 547	-	-	20 704	4 052	24 756	316 685	396 070	
Newsprint	127	-	-	42 086	42 213	2 317	-	-	-	-	-	4 030	48 560	
Southeast Asia	11 891	-	667	3 161	15 719	10 123	836	1 221	-	7	1 228	65 288	93 194	0.6
Softwood lumber	-	-	-	21	21	-	-	-	-	-	-	47	68	
Wood pulp	-	-	667	222	889	1 938	-	-	-	-	-	28 895	31 722	
Newsprint	11 891	-	-	2 193	14 084	7 176	83	-	-	-	-	21 702	43 045	
Australia	-	-	189	138	327	5 557	9 201	-	-	11	11	147 596	162 692	1.0
Softwood lumber	-	-	-	-	-	108	10	-	-	11	11	77 605	77 735	
Wood pulp	-	-	-	-	-	-	-	-	-	-	-	27 297	27 297	
Newsprint	-	-	-	-	-	2 697	-	-	-	-	-	38 485	41 182	
Other countries	9 945	15	3 179	14 043	27 182	50 637	11 677	199	361	45	605	215 080	305 179	1.9
Softwood lumber	-	-	244	-	244	174	345	21	13	7	41	11 227	12 031	
Wood pulp	-	-	2 352	8 928	11 280	20 428	139	88	310	-	398	150 007	182 252	
Newsprint	9 874	15	-	4 117	14 007	11 968	132	-	-	-	-	33 461	59 566	
World	317 542	1 589	357 094	1 019 342	1 695 567	4 140 081	3 436 785	177 851	105 067	406 699	689 617	6 264 229	16 227 308	100.00
Softwood lumber	203	302	6 213	72 267	78 985	620 541	840 714	84 809	14 501	104 292	203 602	2 779 237	4 523 590[b]	
Wood pulp	-	72	144 506	494 093	638 671	335 958	501 180	7 776	75 496	240 165	323 437	1 594 547	3 393 791	
Newsprint	315 842	641	184 399	378 785	879 667	2 501 444	1 139 022	55 239	202	75	55 516	831 720	5 407 368[b]	

[a]Excluding re-exports.
[b]Includes Yukon; the Yukon exported $503 000 of softwood lumber to the United States and $9 000 to Japan.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 15. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1985

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
United States													
Softwood lumber (m^3)	1 012	1 949	5 036	563 761	571 758	4 943 969	6 997 790	695 113	134 149	1 205 353	2 034 615	19 258 197	**33 811 299[b]**
Wood pulp (t)	-	137	175 209	545 535	720 881	395 962	895 479	17 589	90 305	466 282	574 176	964 145	**3 550 642**
Newsprint (t)	146 143	20	261 456	368 963	776 582	3 314 145	1 700 455	87 946	344	301	88 591	1 069 216	**6 948 988**
Central America													
Softwood lumber (m^3)	193	-	21	1 064	1 278	65 641	6 289	61	-	-	61	114 551	**187 821**
Wood pulp (t)	-	-	-	4 532	4 532	45	-	73	-	60	133	42 211	**46 920**
Newsprint (t)	64 093	-	4 385	24 048	92 526	22 434	80	-	-	-	-	15 877	**130 917**
South America													
Softwood lumber (m^3)	-	-	-	-	-	95	-	-	-	-	-	-	**95**
Wood pulp (t)	-	-	989	2 137	3 126	1 366	-	-	-	-	-	59 048	**63 541**
Newsprint (t)	73 358	1 497	14 840	20 369	110 064	55 094	50	-	-	-	-	29 347	**194 554**
Middle East and North Africa													
Softwood lumber (m^3)	-	-	314	-	314	58 036	127	-	-	-	-	280 441	**338 918**
Wood pulp (t)	-	-	7 940	8 027	15 967	2 267	-	-	-	-	-	30 029	**48 262**
Newsprint (t)	51 157	-	-	-	51 157	-	-	-	-	-	-	300	**53 988**
United Kingdom													
Softwood lumber (m^3)	394	-	41 732	28 487	70 613	69 707	904	-	-	109	109	726 783	**868 115**
Wood pulp (t)	-	-	30 496	116 445	146 941	31 341	10 574	-	5 828	-	5 828	142 682	**337 366**
Newsprint (t)	48 636	-	-	49 874	98 510	139 752	-	-	-	-	-	34 692	**272 954**
Other EEC countries													
Softwood lumber (m^3)	99	-	505	12 778	13 382	38 438	122	-	50	-	50	339 463	**391 455**
Wood pulp (t)	-	-	40 857	195 781	236 638	108 231	21 796	-	23 519	1 528	25 047	941 387	**1 333 099**
Newsprint (t)	42 972	-	-	12 601	55 573	27 976	65	-	-	-	-	8 173	**91 788**
Scandinavia													
Softwood lumber (m^3)	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Wood pulp (t)	-	-	18 232	-	18 232	-	-	-	-	-	-	17 478	**35 709**
Newsprint (t)	-	-	-	-	-	69	-	-	-	-	-	-	**69**

III - 15. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1985 (CONCLUDED)

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
China, People's Rep.													
Softwood lumber (m^3)	-	-	-	-	-	-	-	-	-	-	-	246 076	**246 076**
Wood pulp (t)	-	-	-	8 374	8 374	3 386	-	-	-	-	-	152 223	**163 984**
Newsprint (t)	103 830	-	-	28 191	132 021	24 971	-	-	-	-	-	38 390	**195 383**
Japan													
Softwood lumber (m^3)	-	-	-	-	-	38	-	6 756	-	621	7 377	2 340 749	**2 348 236[b]**
Wood pulp (t)	-	-	15 828	111 588	127 416	10 800	-	-	52 983	6 046	59 029	676 170	**873 416**
Newsprint (t)	254	-	-	88 464	88 718	3 230	-	-	-	-	-	7 742	**99 691**
Southeast Asia													
Softwood lumber (m^3)	-	-	-	127	127	-	-	-	-	-	-	255	**382**
Wood pulp (t)	-	-	1 972	500	2 472	5 650	-	-	-	-	-	73 009	**81 131**
Newsprint (t)	24 850	-	-	3 985	28 835	14 397	155	-	-	-	-	47 299	**90 686**
Australia													
Softwood lumber (m^3)	-	-	-	-	-	1 001	68	-	-	31	31	387 472	**388 571**
Wood pulp (t)	-	-	-	-	-	-	-	-	-	-	-	61 172	**61 172**
Newsprint (t)	-	-	-	-	-	5 697	-	-	-	-	-	72 131	**77 828**
Other countries													
Softwood lumber (m^3)	1	-	1 814	-	1 815	812	2 415	324	115	72	511	39 719	**45 274**
Wood pulp (t)	-	-	6 285	21 645	27 930	41 278	233	136	759	1	896	358 930	**429 267**
Newsprint (t)	22 404	16	-	7 744	30 164	21 271	192	-	-	-	-	66 227	**117 852**
World													
Softwood lumber (m^3)	1 699	1 949	49 422	606 217	659 287	5 177 737	7 007 715	702 254	134 314	1 206 186	2 042 754	23 733 706	**38 626 242**
Wood pulp (t)	-	137	297 808	1 014 564	1 312 509	600 326	928 082	17 798	173 394	473 917	665 109	3 518 484	**7 024 509**
Newsprint (t)	577 697	1 533	280 681	604 239	1 464 150	3 631 567	1 700 997	87 946	344	301	88 591	1 389 394	**8 274 698**

[a]Excluding re-exports.
[b]Including Yukon; the Yukon exported 4 970 m^3 of softwood lumber to the United States and 72 m^3 to Japan.

Source: Statistics Canada Source Compilation, International Trade Division.

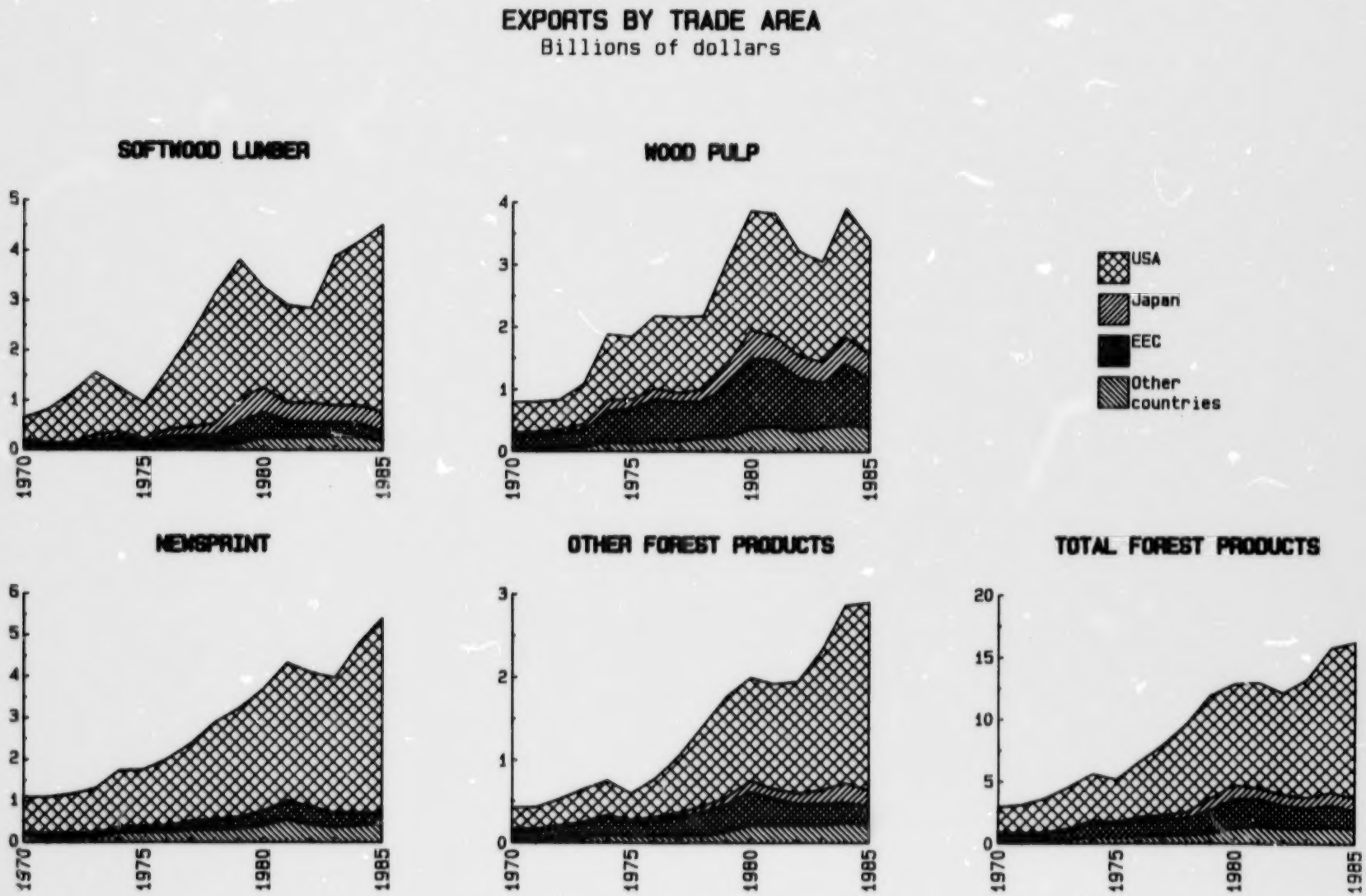

Figure 18. Exports of Canadian forest products by commodity group and principal trade area, 1970-1985.

Source: Statistics Canada, Cat. No. 65-202.

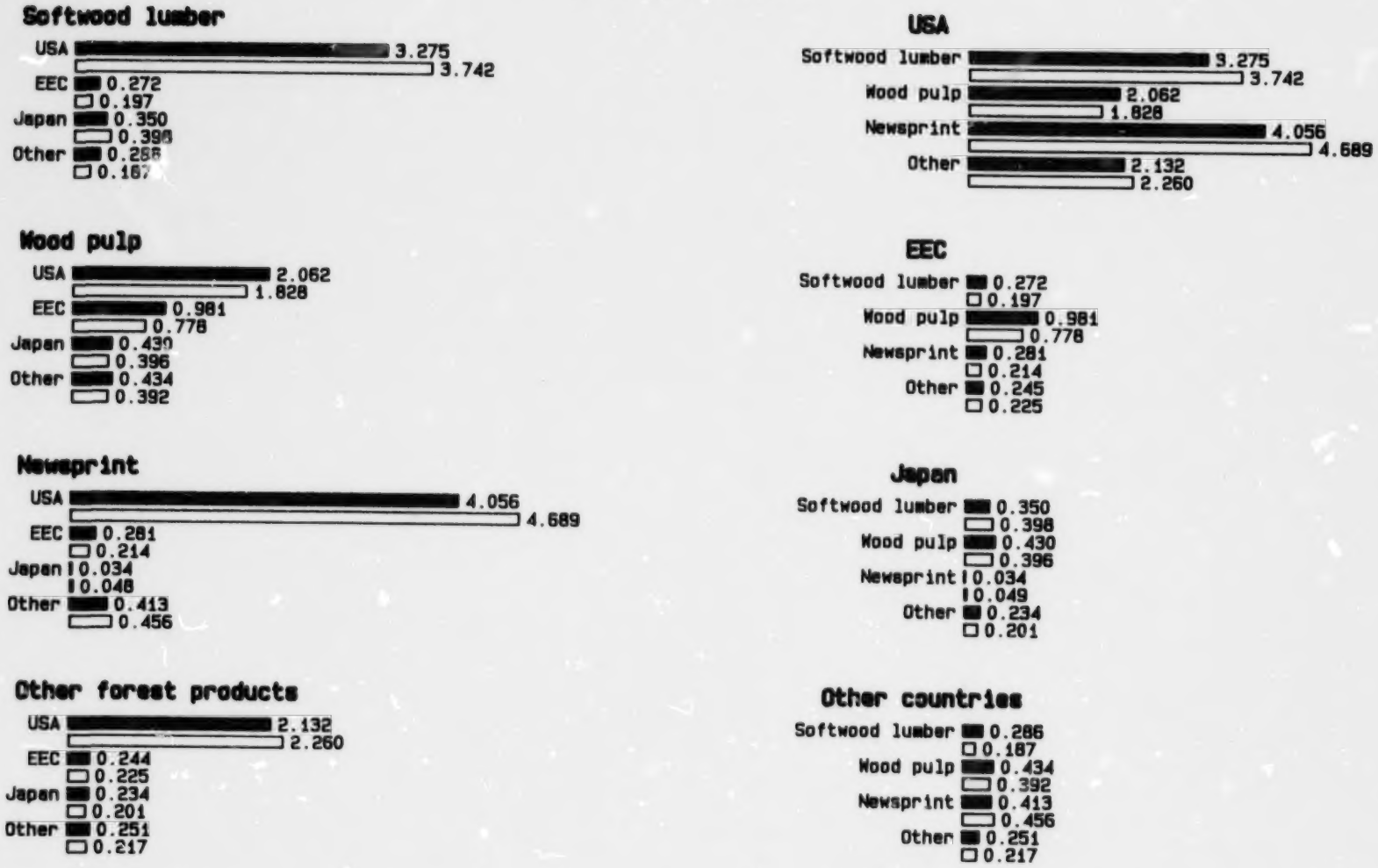

Figure 19. Exports of Canadian forest products by commodity group and principal trade area, 1984-1985.

1984 ■ 1985 □

Source: Statistics Canada, Cat. No. 65-202 and special compilation.

III - 16. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA[b], 1985

Trade area	Primary wood products		Wood-fabricated materials			Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total	Wood pulp	Newsprint	Total	
					$000			
United States	**36 950**	**102 341**	**3 741 655**	**4 686 172**	**1 827 639**	**4 688 940**	**5 902 135**	**12 518 288**
Central America	**-**	**901**	**24 037**	**28 312**	**18 043**	**73 006**	**115 431**	**162 686**
Mexico	-	-	13	137	16 940	6 719	7 658	24 735
South America	**-**	**-**	**304**	**933**	**29 358**	**110 274**	**119 294**	**149 585**
Brazil	-	-	62	84	44	16 579	16 714	16 842
Chile	-	-	19	307	79	-	75	461
Venezuela	-	-	22	303	23 648	50 057	50 532	74 483
Africa	**-**	**303**	**27 516**	**29 364**	**12 108**	**23 692**	**38 049**	**79 824**
Algeria	-	-	24 761	25 201	5 258	901	1 477	31 936
Morocco	-	-	979	979	-	-	10	989
Middle East - Africa	-	-	1 349	1 401	1 246	21 508	22 571	25 219
- Asia	-	1 001	15 562	18 394	14 770	7 960	23 543	57 708
Europe	**3 516**	**7 159**	**203 072**	**364 402**	**827 479**	**216 157**	**287 085**	**1 486 125**
Western Europe	3 516	7 140	203 072	363 787	822 257	216 157	286 972	1 480 156
Economic Community	775	4 182	197 187	351 801	777 765	213 672	279 519	1 413 267
Belgium-Luxembourg	-	47	18 676	37 337	74 529	4 854	31 507	143 421
Denmark	-	-	77	10 447	660	21	65	11 172
France	-	790	20 554	31 336	96 221	3 295	4 074	132 421
Germany, Fed. Rep.	-	881	24 193	45 021	211 413	32 274	33 727	291 042
Greece	-	-	83	599	7 810	-	1 234	9 643
Ireland	-	-	792	4 343	3 749	2 054	2 249	10 341
Italy	775	2 429	14 203	19 315	118 169	4 713	6 395	146 308
Netherlands	-	-	3 769	10 105	103 340	7 736	8 502	121 946
United Kingdom	-	35	114 840	193 297	161 874	158 724	191 766	546 973
Scandinavia	2 741	2 878	-	3 773	16 335	44	4 792	27 778
Finland	1 087	1 223	-	816	-	-	3 128	5 167
Norway	924	924	-	787	240	44	191	2 143
Sweden	730	730	-	2 170	16 095	-	1 473	20 468
Other Western Europe	-	80	5 885	8 214	28 157	2 442	2 661	39 111
USSR	-	-	-	238	-	-	5	243
Other Eastern Europe	-	19	-	377	5 222	-	108	5 726
Asia	**42 769**	**182 761**	**445 281**	**466 597**	**649 132**	**238 807**	**345 122**	**1 643 613**
China, People's Rep.	-	26 518	29 677	29 770	66 036	98 709	112 832	235 156
Hong Kong	-	3	127	961	3 743	6 959	12 760	17 467
India	-	-	-	9	38 774	22 224	22 274	61 057
Japan	42 769	149 483	398 246	407 164	396 070	48 560	90 913	1 043 631
Korea, Rep. of (South)	-	5 333	1 448	3 738	50 188	-	3 682	62 941
Southeast Asia	-	11	68	427	31 722	43 045	61 034	93 194
Taiwan	-	412	153	6 123	36 767	8 764	10 384	53 685
Oceania	**-**	**21**	**81 089**	**83 683**	**29 227**	**56 318**	**71 687**	**184 618**
Australia	-	21	77 735	80 137	27 297	41 182	55 236	162 692
New Zealand	-	-	3 288	3 440	1 929	13 913	14 973	20 342
World	**83 235**	**293 488**	**4 523 590**	**5 660 641**	**3 393 791**	**5 407 368**	**6 879 387**	**16 227 308**

[a]Excluding re-exports.
[b]See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

III - 17. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA[b], 1985

Trade area	Primary wood products		Wood-fabricated materials				Paper products	
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total
	m^3	t	m^3	m^2	m^3	t	t	t
United States	**809 778**	**579 042**	**33 811 299**	**43 295 344**	**1 846 108**	**3 550 642**	**6 948 988**	**8 435 971**
Central America	-	-	**187 821**	**26 607**	**5 295**	**46 920**	**130 917**	**197 344**
Mexico	-	-	156	-	184	44 678	8 632	9 848
South America	-	-	**1 008**	**2 453**	**114**	**63 541**	**194 554**	**210 120**
Brazil	-	-	42	-	-	51	30 024	30 024
Chile	-	-	59	-	-	171	-	90
Venezuela	-	-	156	2 453	111	51 391	89 321	89 637
Africa	-	-	**198 785**	**3 586**	**1 855**	**26 891**	**38 343**	**56 927**
Algeria	-	-	170 340	-	12	11 524	1 600	2 589
Morocco	-	-	15 334	-	-	-	..	-
Middle East - Africa	-	-	9 975	-	40	2 597	34 657	35 993
- Asia	21 039	-	143 269	-	3 951	34 141	17 731	53 059
Europe	**75 300**	**52 996**	**1 279 583**	**326 276**	**449 636**	**1 782 650**	**369 703**	**528 834**
Western Europe	76 246	52 996	1 279 583	326 276	449 161	1 770 961	369 703	528 738
Economic Community	74 887	8 180	1 259 570	310 473	437 358	1 670 467	364 742	512 498
Belgium-Luxembourg	77	-	108 720	11 864	48 712	164 171	7 118	77 589
Denmark	-	-	510	725	30 010	1 398	37	37
France	3 841	-	132 960	39 512	22 936	205 029	3 768	4 892
Germany, Fed. Rep.	4 204	-	77 699	184 366	47 082	456 392	55 600	57 544
Greece	-	-	352	-	816	15 276	-	1 792
Ireland	-	-	7 209	-	8 729	4 442	3 392	3 459
Italy	66 579	8 180	48 620	3 772	16 522	271 047	9 047	13 858
Netherlands	-	-	15 386	11 548	19 112	215 347	12 825	13 785
United Kingdom	186	-	868 115	58 687	240 439	337 366	272 954	339 542
Scandinavia	1 133	44 816	-	-	6 793	35 709	69	11 317
Finland	1 133	17 172	-	-	1 640	-	-	7 253
Norway	-	18 290	-	-	1 832	498	69	90
Sweden	-	9 354	-	-	3 321	35 211	-	3 975
Other Western Europe	227	-	20 013	15 803	5 010	64 785	4 892	4 923
USSR	-	-	-	-	101	-	-	-
Other Eastern Europe	54	-	-	-	373	11 689	-	95
Asia	**2 008 654**	**485 462**	**2 745 371**	**26 329**	**49 775**	**1 486 652**	**483 437**	**720 934**
China, People's Rep.	445 177	-	246 076	-	147	163 984	195 383	237 332
Hong Kong	-	-	1 126	-	1 767	7 962	12 867	22 466
India	-	-	-	-	-	90 276	44 238	44 238
Japan	1 461 188	485 462	2 348 236	8 835	27 908	873 416	99 691	201 154
Korea, Rep. (South)	80 213	-	5 748	17 494	5 517	120 015	-	6 247
Southeast Asia	136	-	382	-	247	81 131	90 686	125 674
Taiwan	901	-	533	-	10 244	92 996	17 061	18 245
Oceania	**313**	-	**397 104**	**86 149**	**4 685**	**65 583**	**108 503**	**115 815**
Australia	313	-	388 571	67 894	4 633	61 172	77 828	84 223
New Zealand	-	-	7 933	14 205	52	4 412	28 927	29 589
World	**2 895 044**	**1 117 500**	**38 626 242**	**43 776 033**	**2 357 837**	**7 024 509**	**8 274 698**	**10 266 428**

[a]Excluding re-exports.
[b]See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

III - 18. IMPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA[a], 1985

Trade area	Primary wood products		Wood-fabricated materials		Wood pulp	Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total		Newsprint	Total	
					$000			
United States	8 901	179 042	112 368	481 694	99 601	-	931 229	1 691 566
Central America	-	-	-	1 471	-	-	716	2 187
Mexico	-	-	-	507	-	-	496	1 003
South America	-	-	-	9 237	2 984	-	5 401	17 621
Brazil	-	-	-	6 933	2 984	-	5 212	15 129
Chile	-	-	-	186	-	-	122	308
Venezuela	-	-	-	469	-	-	-	469
Africa	-	-	-	1 809	-	-	30	1 839
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Middle East - Africa	-	-	-	-	-	-	-	-
- Asia	-	-	-	29	-	-	1	30
Europe	-	2 941	14	21 517	1 565	-	184 306	210 329
Western Europe	-	2 941	14	20 327	1 565	-	183 875	208 708
Economic Community	-	93	14	10 688	189	-	106 393	117 363
Belgium-Luxembourg	-	-	-	143	-	-	5 531	5 674
Denmark	-	-	-	863	-	-	906	1 769
France	-	-	13	429	-	-	22 206	22 634
Germany, Fed. Rep.	-	93	--	2 869	189	-	28 249	31 400
Greece	-	-	-	10	-	-	35	45
Ireland	-	-	-	29	-	-	6	35
Italy	-	-	-	4 111	-	-	8 322	12 433
Netherlands	-	-	-	679	-	-	9 104	9 783
United Kingdom	-	-	-	1 555	-	-	32 035	33 590
Scandinavia	-	2 849	-	3 869	1 345	-	73 731	81 794
Finland	-	2 849	-	2 192	-	-	40 514	45 554
Norway	-	-	-	265	1 336	-	231	1 833
Sweden	-	-	-	1 412	9	-	32 986	34 407
Other Western Europe	-	-	-	5 770	31	-	3 750	9 551
USSR	-	-	-	1 030	-	-	-	1 030
Other Eastern Europe	-	-	-	160	-	-	431	591
Asia	-	168	-	62 441	-	-	19 357	81 966
China, People's Rep.	-	-	-	515	-	-	555	1 070
Hong Kong	-	-	-	2 026	-	-	1 131	3 157
India	-	-	-	127	-	-	35	161
Japan	-	-	-	2 795	-	-	14 791	17 586
Korea, Rep. of (South)	-	-	-	2 584	-	-	926	3 510
Southeast Asia	-	20	-	32 973	-	-	214	33 207
Taiwan	-	-	-	20 804	-	-	1 701	22 506
Oceania	-	-	-	252	-	-	517	769
Australia	-	-	-	131	-	-	110	240
New Zealand	-	-	-	121	-	-	407	529
World	8 901	182 166	112 382	578 420	131 869	-	1 141 563	2 034 018

[a]See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-203.

III - 19. IMPORTS OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA[a], 1985

Trade area	Primary wood products		Wood-fabricated materials				Paper products	
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total
	m^3	t	m^3	m^2	m^3	t	t	t
United States	**3 535 103**	**157 289**	**662 893**	**-**	**752 731**	**167 032**	**-**	**520 897**
Central America	**-**	**-**	**-**	**-**	**460**	**-**	**-**	**552**
Mexico	-	-	-	-	113	-	-	535
South America	**-**	**-**	**-**	**-**	**22 738**	**5 887**	**-**	**11 900**
Brazil	-	-	-	-	19 964	5 887	-	11 216
Chile	-	-	-	-	16	-	-	493
Venezuela	-	-	-	-	2 700	-	-	-
Africa	**-**	**-**	**-**	**-**	**5 136**	**-**	**-**	**32**
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Middle East - Africa	-	-	-	-	-	-	-	-
- Asia	-	-	-	-	-	-	-	-
Europe	**308**	**-**	**109**	**-**	**9 843**	**3 289**	**-**	**121 276**
Western Europe	308	-	109	-	6 272	3 289	-	119 952
Economic Community	308	-	109	-	3 848	370	-	50 311
Belgium-Luxembourg	-	-	-	-	6	-	-	2 525
Denmark	-	-	-	-	453	-	-	160
France	-	-	99	-	71	-	-	9 197
Germany, Fed. Rep.	308	-	9	-	1 172	370	-	15 549
Greece	-	-	-	-	-	-	-	23
Ireland	-	-	-	-	11	-	-	2
Italy	-	-	-	-	1 207	-	-	5 815
Netherlands	-	-	-	-	654	-	-	6 062
United Kingdom	-	-	-	-	687	-	-	10 978
Scandinavia	-	-	-	-	1 891	2 849	-	67 819
Finland	-	-	-	-	1 281	-	-	48 870
Norway	-	-	-	-	632	2 835	-	196
Sweden	-	-	-	-	452	15	-	18 752
Other Western Europe	-	-	-	-	1 151	70	-	1 822
USSR	-	-	-	-	3 193	-	-	-
Other Eastern Europe	-	-	-	-	378	-	-	1 324
Asia	**249**	**-**	**-**	**-**	**77 842**	**-**	**-**	**3 960**
China, People's Rep.	-	-	-	-	212	-	-	28
Hong Kong	-	-	-	-	809	-	-	8
India	-	-	-	-	-	-	-	6
Japan	-	-	-	-	6 466	-	-	2 837
Korea, Rep. of (South)	-	-	-	-	34	-	-	86
Southeast Asia	-	-	-	-	53 017	-	-	987
Taiwan	-	-	-	-	21 158	-	-	8
Oceania	**-**	**-**	**-**	**-**	**991**	**-**	**-**	**442**
Australia	-	-	-	-	1 265	-	-	31
New Zealand	-	-	-	-	43	-	-	411
World	**3 536 104**	**157 289**	**663 002**	**-**	**866 789**	**224 033**	**-**	**659 080**

[a]See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-203.

III - 20. BALANCE OF TRADE OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA[a], 1985

Trade area	Primary wood products		Wood-fabricated materials			Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total	Wood pulp	Newsprint	Total	
					$000			
United States	**28 048**	**-76 589[b]**	**3 629 567**	**4 211 113**	**1 731 167**	**4 689 037**	**4 984 159**	**10 849 849**
Central America	**-**	**901**	**24 129**	**27 135**	**18 043**	**73 006**	**114 813**	**160 892**
Mexico	-	-	13	-370	16 940	6 719	7 162	23 732
South America	**-**	**-**	**304**	**-8 130**	**26 374**	**110 274**	**113 894**	**132 138**
Brazil	-	-	62	-6 850	-2 939	16 579	11 502	1 713
Chile	-	-	19	257	79	-	-47	289
Venezuela	-	-	22	-166	23 648	50 057	50 532	74 014
Africa	**-**	**303**	**27 516**	**27 688**	**12 108**	**23 692**	**38 019**	**78 118**
Algeria	-	-	24 761	25 201	5 258	901	1 477	31 936
Morocco	-	-	979	979	-	-	10	989
Middle East - Africa	-	-	1 349	1 401	1 246	21 508	22 571	25 219
- Asia	-	1 001	15 562	18 861	14 770	7 960	23 544	58 176
Europe	**3 516**	**5 394**	**203 203**	**376 176**	**827 842**	**216 157**	**103 134**	**1 312 546**
Western Europe	3 516	5 374	203 203	376 752	822 619	216 157	103 397	1 308 142
Economic Community	775	5 253	197 272	371 581	779 504	213 672	173 365	1 329 703
Belgium-Luxembourg	-	426	18 676	41 291	76 134	4 854	25 977	143 827
Denmark	-	-	77	10 253	660	21	-837	10 077
France	-	1 022	20 566	37 406	96 221	3 295	-18 036	116 613
Germany, Fed. Rep.	-	1 333	24 193	48 860	211 224	32 274	5 514	266 931
Greece	-	-	83	590	7 810	-	1 199	9 598
Ireland	-	-	792	4 698	3 749	2 054	2 243	10 690
Italy	775	2 429	14 203	16 265	118 482	4 713	-1 910	135 266
Netherlands	-	7	3 769	13 675	103 340	7 736	-591	116 431
United Kingdom	-	35	114 913	198 544	161 884	158 724	159 807	520 270
Scandinavia	2 741	29	-	2 230	14 990	44	-68 892	-51 643
Finland	1 087	-1 625	-	-704	-	-	-37 386	-39 715
Norway	924	924	-	661	-1 096	44	-40	449
Sweden	730	730	-	2 273	16 086	-	-31 466	-12 377
Other Western Europe	-	92	5 931	2 941	28 126	2 442	-1 077	30 082
USSR	-	-	-	-792	-	-	5	-787
Other Eastern Europe	-	19	-	216	5 222	-	-268	5 190
Asia	**42 769**	**182 664**	**445 295**	**405 574**	**649 413**	**238 807**	**326 007**	**1 563 658**
China, People's Rep.	-	26 518	29 677	29 305	66 036	98 709	112 277	234 136
Hong Kong	-	3	127	-1 061	3 743	6 959	11 645	14 330
India	-	-	-	-117	38 774	22 224	22 239	60 896
Japan	42 769	149 483	398 259	404 647	396 351	48 560	76 323	1 026 803
Korea, Rep. of (South)	-	5 333	1 448	1 286	50 188	-	2 756	59 563
Southeast Asia	-	3	68	-32 535	31 722	43 045	60 819	60 009
Taiwan	-	471	153	-14 233	36 767	8 764	8 707	31 712
Oceania	**-**	**21**	**81 089**	**83 494**	**29 227**	**56 318**	**71 186**	**183 927**
Australia	-	21	77 735	80 070	27 297	41 182	55 139	162 527
New Zealand	-	-	3 288	3 318	1 929	13 913	14 569	19 817
World	**74 334**	**112 681**	**4 411 737**	**5 124 228**	**3 267 261**	**5 407 465**	**5 751 791**	**14 255 961**

[a]See Section X, for details on groupings of trade areas used in this table.
[b]The - sign means deficit.

Source: Statistics Canada Cat. No. 65-202.

III - 21. BALANCE OF TRADE OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA[a], 1985

Trade area	Primary wood products		Wood-fabricated materials				Paper products	
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total
	m^3	t	m^3	m^2	m^3	t	t	t
United States	**-2 724 610**	**421 753**	**33 150 690**	**43 308 852**	**1 099 110**	**3 390 596**	**6 949 085**	**7 918 340**
Central America	-	-	**188 033**	**26 607**	**5 187**	**46 920**	**130 917**	**196 815**
Mexico	-	-	156	-	71	44 678	8 632	9 313
South America	-	-	**1 008**	**2 453**	**-22 624**	**57 653**	**194 554**	**199 219**
Brazil	-	-	42	-	-19 964	-5 836	30 024	18 808
Chile	-	-	59	-	-16	171	-	-403
Venezuela	-	-	156	2 453	-2 588	51 391	89 321	89 637
Africa	-	-	**198 785**	**3 586**	**-3 100**	**26 891**	**38 343**	**56 895**
Algeria	-	-	170 340	-	12	11 524	1 600	2 589
Morocco	-	-	15 334	-	-	-	-	-
Middle East - Africa	-	-	9 975	-	40	2 597	34 657	35 993
- Asia	21 039	-	143 269	-	4 640	34 141	17 731	53 059
Europe	**79 865**	**52 996**	**1 280 456**	**326 276**	**488 000**	**1 783 277**	**369 703**	**407 789**
Western Europe	79 811	52 996	1 280 456	326 276	491 097	1 771 588	369 703	409 017
Economic Community	78 402	8 180	1 259 834	310 473	477 830	1 674 014	364 742	462 414
Belgium-Luxembourg	1 259	-	108 720	11 864	55 839	167 174	7 118	75 064
Denmark	-	-	510	725	33 532	1 398	37	-123
France	4 757	-	132 945	39 512	32 299	205 029	3 768	-4 094
Germany, Fed. Rep.	5 599	-	77 690	184 366	55 813	456 022	55 600	41 995
Greece	-	-	352	-	815	15 276	-	1 769
Ireland	-	-	7 209	-	9 290	4 442	3 392	3 457
Italy	66 579	8 180	48 620	3 772	16 982	271 724	9 047	8 043
Netherlands	23	-	15 386	11 548	24 439	215 347	12 825	7 725
United Kingdom	186	-	868 403	58 687	248 408	337 602	272 954	328 577
Scandinavia	1 133	44 816	-	-	8 081	32 860	69	-56 498
Finland	1 133	17 172	-	-	1 306	-	-	-41 618
Norway	-	18 290	-	-	1 384	-2 337	69	-106
Sweden	-	9 354	-	-	4 917	35 197	-	-14 774
Other Western Europe	276	-	20 622	15 803	4 568	64 716	4 892	3 101
USSR	-	-	-	-	-3 092	-	-	-
Other Eastern Europe	54	-	-	-	-5	11 689	-	-1 228
Asia	**2 008 722**	**485 462**	**2 745 409**	**26 329**	**-25 679**	**1 487 280**	**483 437**	**717 004**
China, People's Rep.	445 177	-	246 076	-	-2	163 984	195 383	237 304
Hong Kong	-	-	1 126	-	976	7 962	12 867	22 459
India	-	-	-	-	-	90 276	44 238	44 232
Japan	1 461 188	485 462	2 348 274	8 835	21 832	874 045	99 691	198 347
Korea, Rep. of (South)	80 213	-	5 748	17 494	5 684	120 015	-	6 161
Southeast Asia	272	-	382	-	-52 766	81 131	90 686	124 687
Taiwan	1 083	-	533	-	-9 898	92 996	17 061	18 237
Oceania	**313**	-	**397 104**	**86 149**	**3 723**	**65 583**	**108 503**	**115 374**
Australia	313	-	388 571	67 894	3 398	61 172	77 828	84 192
New Zealand	-	-	7 933	14 025	9	4 412	28 927	29 178
World	**-636 154**	**960 210**	**37 966 756**	**43 789 541**	**1 547 941**	**6 812 006**	**8 274 795**	**9 610 898**

[a]See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

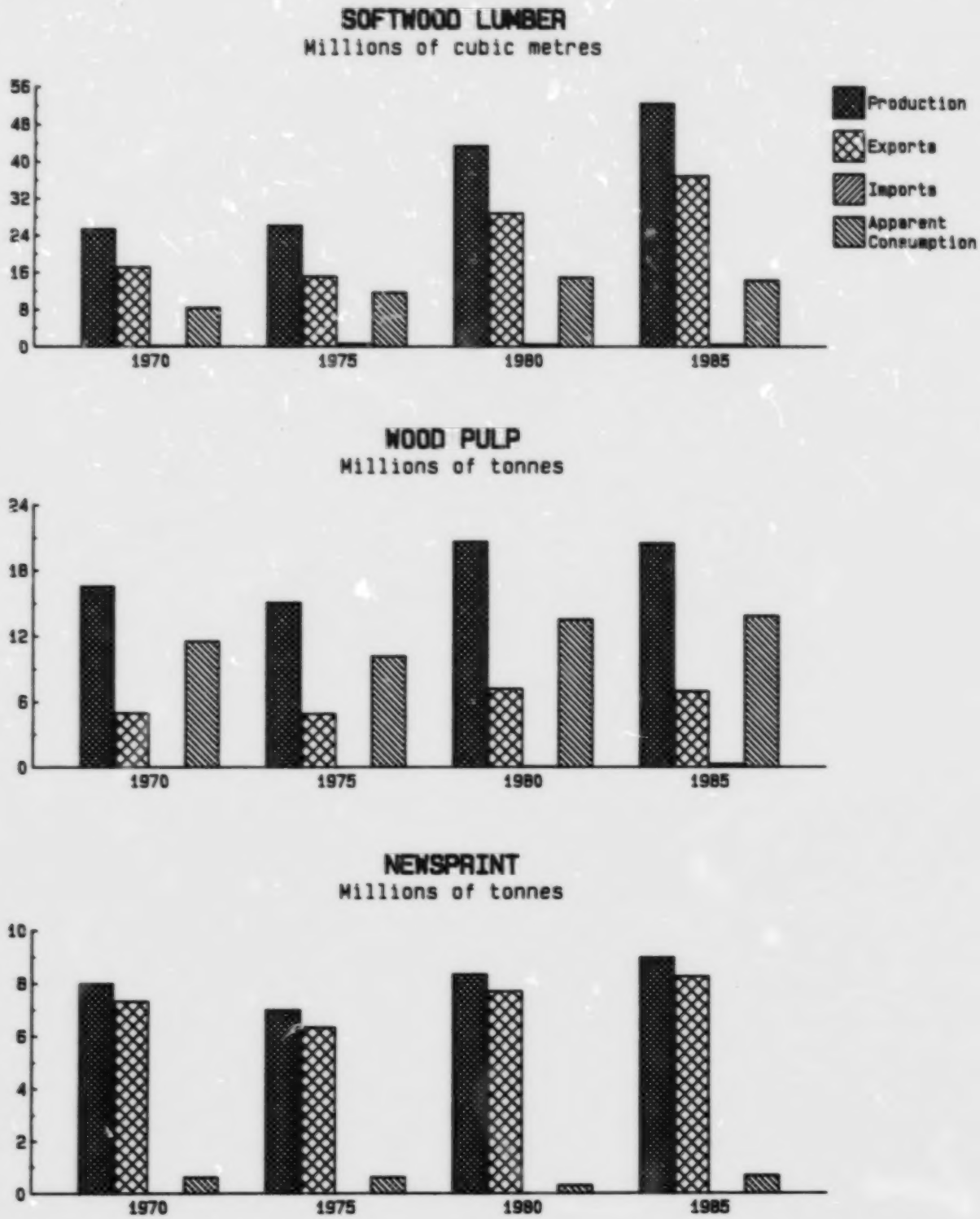

Figure 20. Production, trade and apparent domestic consumption of selected forest products, 1970-1985.

Source: Statistics Canada, Cat. No. 25-201, 35-204, 36-204, 65-202 and 65-203.

SECTION IV

PRINCIPAL STATISTICS

The **Census of Manufactures** is an annual survey of establishments primarily engaged in manufacturing, together with associated head offices, sales offices, and auxiliary units classified according to manufacturing industries. An establishment, usually a plant or a mill, is the smallest operating unit for which it is possible to provide a specified range of basic industrial statistics (essentially, employment data and the elements of input and output necessary to calculate value added).

Establishments providing data for the Census of Manufactures are classified according to the Standard Industrial Classification (SIC) system. Data are assigned to the various industries on the basis of the principal activity of the establishment.

This **classification system** is revised every 10 years and commencing with the 1983 data year, the Census of Manufactures has been compiled according to the 1980 version of the SIC.

In this section, 1970-1981 data have been compiled according to the 1970 version of the SIC and 1982-1984 according to the **1980 version**.

Detailed definitions of all industries covered by this section can be found in the publication "Standard Industrial Classification, 1980," Catalogue 12-501.

The **headings** used in the principal statistics tables are **briefly described** in section X, "User's guide." For detailed definitions and some qualifications to the preceding explanations, see "Concepts and Definitions of the Census of Manufactures," Catalogue 31-528.

IV - 1. FOREST INDUSTRIES BY SECTOR, 1984

Sector	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
Logging	3 694	45 368	89 665	1 123	215	3 004	5 364	2 172	51 173	1 324	2 191
Wood industries	3 561	86 205	174 980	2 028	351	5 657	9 973	4 006	102 941	2 541	4 051
Paper and allied industries	678	88 227	182 224	2 529	1 809	8 289	17 472	7 506	115 799	3 516	7 492
Total forest industries (A)	**7 933**	**219 800**	**446 869**	**5 680**	**2 375**	**16 950**	**32 809**	**13 684**	**269 913**	**7 381**	**13 734**
Total manufacturing industries	36 464	1 240 816	2 583 486	28 295	7 306	136 134	230 070	88 668	1 722 044	43 076	94 045
Logging and manufacturing industries (B)	**40 158**	**1 286 184**	**2 673 151**	**29 418**	**7 521**	**139 138**	**235 434**	**90 840**	**1 773 217**	**44 400**	**96 236**
Percentage A from B	19.8	17.1	16.7	19.3	31.6	12.2	13.9	15.1	15.2	16.6	14.3

[a]Excluding 2586 working owners and partners in the forest sector.

Source: Statistics Canada Cat. No. 25-201, 25-202, and 31-203.

STANDARD INDUSTRIAL CLASSIFICATION

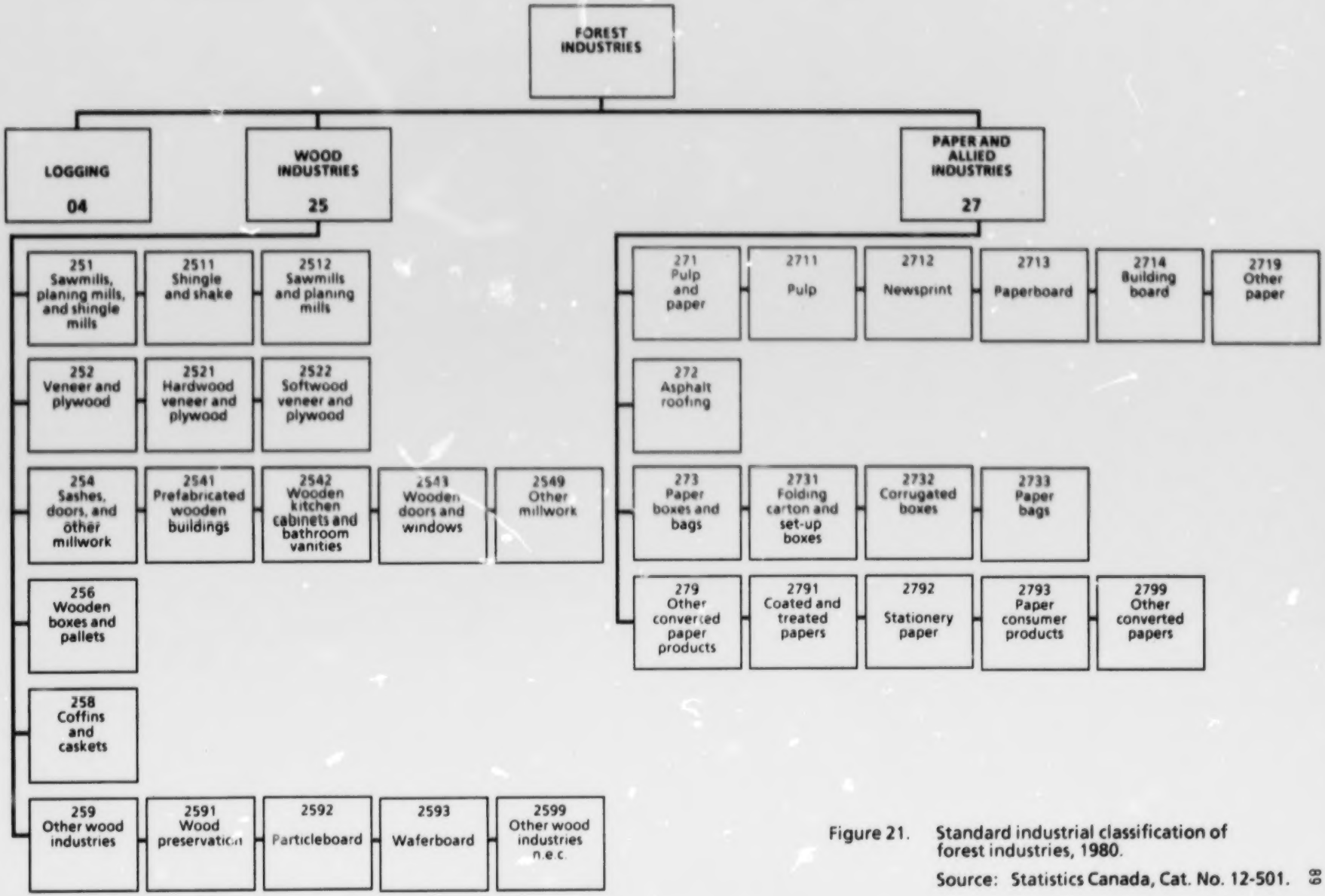

Figure 21. Standard industrial classification of forest industries, 1980.

Source: Statistics Canada, Cat. No. 12-501.

IV - 2. WOOD INDUSTRIES, 1984

Sector	S.I.C.[b]	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid (1 000)	Wages ($000 000)	Fuel and electricity ($000 000)	Materials and supplies ($000 000)	Value of shipments of goods ($000 000)	Value added ($000 000)	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages ($000 000)	Total employees[a]: Total value added ($000 000)
Sawmill, planing mill, and shingle mill products	**251**	**1 429**	**50 895**	**102 916**	**1 321**	**246**	**3 722**	**6 404**	**2 468**	**60 415**	**1 626**	**2 468**
Shingle and shake industry	2 511	101	1 537	3 099	37	3	81	139	58	1 648	41	57
Sawmills and planing mills	2 512	1 328	49 358	99 818	1 284	243	3 641	6 265	2 410	58 767	1 585	2 410
Veneer and plywood industry	**252**	**81**	**8 037**	**15 632**	**200**	**31**	**453**	**795**	**317**	**9 174**	**241**	**323**
Hardwoods	2 521	54	3 486	7 275	66	9	196	332	131	4 105	86	138
Softwoods	2 522	27	4 551	8 357	134	21	256	463	186	5 069	154	185
Sash, door, and other millwork	**254**	**1 480**	**18 217**	**37 525**	**327**	**29**	**904**	**1 733**	**803**	**22 740**	**450**	**839**
Prefabricated wooden building industry	2 541	81	1 269	2 495	22	2	114	188	72	2 032	42	86
Wooden kitchen cabinet, bathroom vanity industry	2 542	704	5 962	12 281	103	7	207	449	235	7 176	133	235
Wooden door and window ind.	2 543	369	6 619	13 631	121	11	380	694	302	8 254	169	315
Other millwork industries	2 549	326	4 367	9 118	81	8	203	402	195	5 278	106	203
Wooden box and pallet industry	**256**	**212**	**2 422**	**4 991**	**38**	**4**	**105**	**191**	**82**	**2 759**	**46**	**83**
Coffin and casket industry	**258**	**31**	**623**	**1 201**	**10**	**1**	**18**	**39**	**20**	**722**	**12**	**20**
Other wood industries	**259**	**328**	**6 011**	**12 716**	**132**	**41**	**455**	**810**	**316**	**7 131**	**166**	**319**
Wood preservation	2 591	50	1 185	2 453	30	7	154	236	75	1 443	37	78
Particleboard	2 592	19	1 201	2 592	30	13	90	197	94	1 525	42	93
Waferboard	2 593	11	1 210	2 727	34	16	111	189	62	1 429	41	61
Other wood industries	2 599	248	2 415	4 944	38	5	100	189	86	2 734	45	86
Wood industries	**25**	**3 561**	**86 205**	**174 980**	**2 028**	**351**	**5 657**	**9 973**	**4 006**	**102 941**	**2 541**	**4 051**

[a]Excluding 955 working owners and partners.
[b]1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 25-202, 31-203, 35-204, 35-205, 35-206, 35-208, and 35-210.

IV - 3. PAPER AND ALLIED INDUSTRIES, 1984

Sector	S.I.C.[b]	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employee[a]: Number	Total employee[a]: Salaries and wages	Total value added
				1 000	$000 000						$000 000	
Pulp and paper industries	**271**	**142**	**61 018**	**126 952**	**1 922**	**1 736**	**5 633**	**13 112**	**5 845**	**79 404**	**2 638**	**5 802**
Pulp industry	2 711	37	13 856	28 518	467	416	1 801	3 740	1 593	18 258	652	1 554
Newsprint industry	2 712	43	30 669	64 317	969	915	2 364	6 191	2 925	39 537	1 321	2 925
Paperboard industry	2 713	28	6 391	12 867	195	232	534	1 341	581	7 900	249	590
Building board industry	2 714	8	815	1 685	21	17	28	97	52	928	24	52
Other paper industries	2 719	26	9 287	19 565	271	155	905	1 742	694	12 781	392	681
Asphalt roofing industry	**272**	**17**	**1 168**	**2 366**	**27**	**12**	**216**	**354**	**131**	**1 537**	**38**	**133**
Paper box and bag industries	**273**	**249**	**14 684**	**30 045**	**343**	**32**	**1 399**	**2 238**	**821**	**19 004**	**473**	**819**
Folding carton and set-up box industry	2 731	104	5 309	11 081	122	7	384	664	282	6 569	160	283
Corrugated box industry	2 732	114	7 700	15 565	186	22	843	1 305	444	10 212	262	442
Paper bag industry	2 733	31	1 675	3 398	35	3	172	269	95	2 223	51	95
Other converted paper products industries	**279**	**270**	**11 357**	**22 862**	**237**	**29**	**1 041**	**1 768**	**709**	**15 854**	**367**	**738**
Coated and treated paper	2 791	42	2 289	4 755	47	7	233	391	157	3 216	72	158
Stationary paper products	2 792	78	2 975	5 946	59	4	195	366	168	4 227	94	185
Paper consumer products	2 793	14	1 539	2 973	38	4	251	370	113	2 240	58	113
Other converted paper products	2 799	136	4 554	9 187	94	15	362	641	271	6 171	142	282
Paper and allied industries	**27**	**678**	**88 227**	**182 224**	**2 529**	**1 809**	**8 289**	**17 472**	**7 506**	**115 799**	**3 516**	**7 492**

[a]Excluding 20 working owners and partners.
[b]1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 36-204, 36-214, 36-215 and 36-216.

IV - 4. FOREST INDUSTRIES SUMMARY[a], 1965-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[b]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	7 363	216 375	475 944	1 046	215	2 855	5 555	2 530	262 469	1 349	2 581
1970	6 618	210 718	453 306	1 475	279	3 990	7 502	3 254	261 139	1 942	3 313
1971	6 247	208 632	445 919	1 592	318	4 220	7 978	3 461	258 839	2 090	3 519
1972	6 537	219 284	467 590	1 810	347	4 853	9 372	4 139	271 010	2 364	4 213
1973	6 844	237 514	500 889	2 155	398	6 163	11 821	5 475	292 324	2 793	5 562
1974	7 014	239 726	505 789	2 511	570	7 283	14 401	6 817	297 386	3 281	6 937
1975	6 330	222 915	446 718	2 489	562	6 574	13 110	6 151	278 681	3 336	6 286
1976	5 679	230 527	475 417	3 118	748	8 191	15 961	7 281	286 263	4 064	7 428
1977	5 320	229 348	471 405	3 455	901	8 912	17 888	8 130	282 568	4 482	8 234
1978	5 906	243 312	503 793	3 944	1 077	10 491	21 109	9 610	299 540	5 076	9 762
1979	6 784	249 993	517 679	4 416	1 244	12 964	25 317	11 520	307 580	5 680	11 830
1980	7 368	243 736	503 124	4 750	1 411	14 247	27 459	12 062	301 987	6 180	12 285
1981	7 428	233 790	473 013	5 011	1 703	14 841	28 601	12 180	291 996	6 624	12 295
1982	7 100	201 420	399 323	4 667	1 886	13 252	25 424	10 147	254 875	6 315	10 234
1983	7 633	211 645	431 978	5 355	2 109	15 370	29 326	11 976	262 216	6 987	12 085
1984	7 933	219 800	446 869	5 680	2 375	16 950	32 809	13 684	269 913	7 381	13 734

[a]Logging, wood industries, and paper and allied industries.
[b]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

IV - 5. FOREST INDUSTRIES SUMMARY BY PROVINCE, 1984

Province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid (1 000)	Wages ($000 000)	Fuel and electricity ($000 000)	Materials and supplies ($000 000)	Value of shipments of goods ($000 000)	Value added ($000 000)	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages ($000 000)	Total employees[a]: Total value added ($000 000)
Nfld.	142	x	x	x	x	x	x	x	x	x	x
P.E.I.	39	169	291	2	--	7	10	3	230	4	7
N.S.	356	4 767	9 834	104	62	323	684	306	6 104	143	303
N.B.	433	11 269	23 942	261	224	869	1 654	588	13 783	338	582
Que.	2 099	64 192	130 832	1 528	793	4 425	9 188	4 003	80 439	2 023	4 023
Ont.	1 633	57 594	119 830	1 415	515	4 559	8 571	3 605	72 045	1 889	3 636
Man.	167	3 472	7 197	73	26	237	440	182	4 264	97	181
Sask.	143	x	x	x	x	x	x	x	x	x	x
Alta.	367	6 819	14 049	180	41	573	1 087	479	8 473	235	491
B.C.	2 554	66 154	129 559	1 972	630	5 570	10 390	4 200	78 184	2 472	4 191
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**7 933**	**219 800**	**446 869**	**5 680**	**2 375**	**16 950**	**32 809**	**13 684**	**269 913**	**7 381**	**13 734**

[a]Excluding 2586 working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

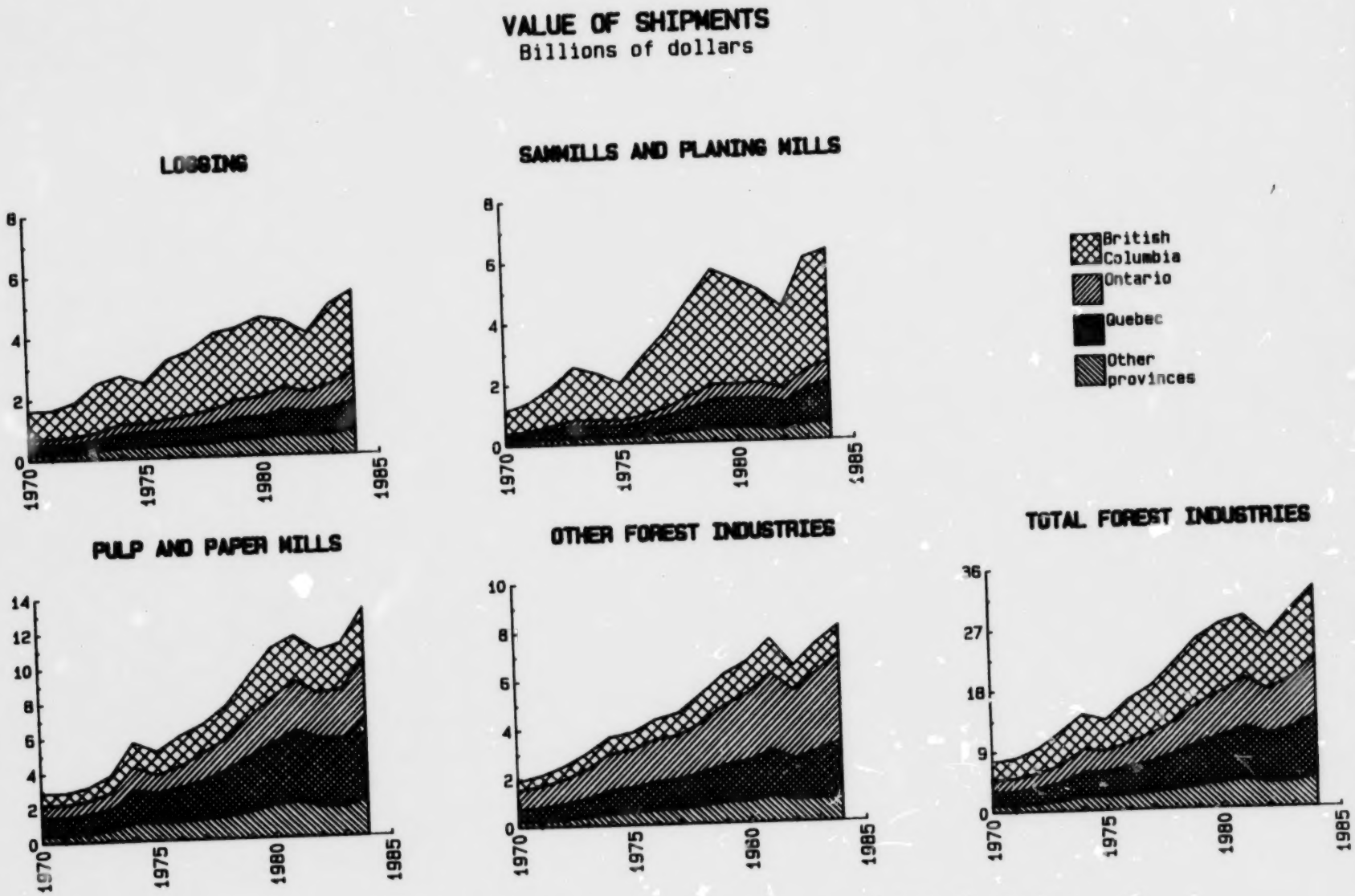

Figure 22. Value of shipments of goods of own manufacture in the forest industries by sector and region, 1970-1984.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

IV - 6. LOGGING BY PROVINCE, 1984

Province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid 1 000	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total employees[a]: Total value added
				$000 000						$000 000	
Nfld.	51	1 086	2 248	25	5	46	101	50	1 258	30	51
P.E.I.	9	11	16	--	--	--	--	--	11	--	--
N.S.	184	1 061	2 018	17	3	94	132	36	1 244	22	36
N.B.	265	3 887	7 781	75	16	187	370	172	4 542	91	172
Atlantic provinces	509	6 045	12 063	117	24	327	603	258	7 055	143	259
Que.	733	9 308	17 117	200	40	492	937	398	10 729	243	407
Ont.	484	8 264	17 283	231	45	515	923	391	9 515	276	395
Man.	43	490	937	11	2	36	56	19	586	14	18
Sask.	81	557	1 095	12	5	49	72	19	660	16	21
Alta.	114	665	1 392	17	3	60	96	30	778	21	30
Prairies	238	1 712	3 424	40	10	145	224	68	2 024	51	69
B.C.	1 730	20 039	39 779	537	97	1 527	2 676	1 058	21 850	611	1 062
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**3 694**	**45 368**	**89 665**	**1 123**	**215**	**3 004**	**5 364**	**2 172**	**51 173**	**1 324**	**2 191**

[a]Excluding 1611 working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

IV - 7. WOOD INDUSTRIES BY PROVINCE, 1984

Province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
Nfld.	83	305	600	4	1	15	25	9	335	5	10
P.E.I.	30	158	275	2	--	7	10	3	219	4	7
N.S.	157	1 525	3 094	23	5	61	118	53	1 867	29	56
N.B.	151	3 060	6 570	51	11	175	284	102	3 503	62	102
Atlantic provinces	421	5 048	10 540	80	18	257	438	168	5 924	100	175
Que.	1 159	23 417	49 027	429	84	1 297	2 387	1 037	28 603	551	1 045
Ont.	838	17 524	36 538	335	61	999	1 796	761	20 840	432	775
Man.	100	1 638	3 296	28	3	75	135	59	1 932	36	59
Sask.	57	1 022	2 030	27	5	65	110	41	1 233	33	41
Alta.	225	4 506	9 142	112	22	297	539	223	5 508	142	237
Prairies	382	7 166	14 468	166	30	437	784	322	8 673	211	337
B.C.	761	33 050	64 408	1 017	158	2 667	4 569	1 717	38 901	1 247	1 718
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**3 561**	**86 205**	**174 980**	**2 028**	**351**	**5 657**	**9 973**	**4 006**	**102 941**	**2 541**	**4 051**

[a]Excluding 955 working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 8. PAPER AND ALLIED INDUSTRIES BY PROVINCE, 1984

Province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
Nfld.	8	x	x	x	x	x	x	x	x	x	x
P.E.I.	-	-	-	-	-	-	-	-	-	-	-
N.S.	15	2 181	4 722	64	54	168	434	217	2 993	92	211
N.B.	17	4 322	9 591	135	197	507	1 000	314	5 738	185	308
Que.	207	31 467	64 688	899	669	2 636	5 864	2 568	41 107	1 229	2 571
Ont.	311	31 806	66 009	849	409	3 045	5 852	2 453	41 690	1 181	2 466
Man.	24	1 344	2 964	34	21	126	249	104	1 746	47	104
Sask.	5	x	x	x	x	x	x	x	x	x	x
Alta.	28	1 648	3 515	51	16	216	452	226	2 187	72	224
B.C.	63	13 065	25 373	418	375	1 376	3 145	1 425	17 433	614	1 411
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**678**	**88 227**	**182 224**	**2 529**	**1 809**	**8 289**	**17 472**	**7 506**	**115 799**	**3 516**	**7 492**

[a]Excluding 20 working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 9. INDUSTRIAL ROUNDWOOD PRODUCTION AND VALUE ADDED BY THE FOREST INDUSTRY, 1970-1984

Year	Industrial roundwood production	Value added, manufacturing activity						Value added, total activity					
			Wood industries		Paper and allied industries				Wood industries		Paper and allied industries		
		Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries	Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries
	1 000 m^3	$000 000											
1970	117 324	683	436	790	1 323	1 781	3 254	694	439	802	1 331	1 817	3 313
1971	117 991	686	572	1 003	1 273	1 772	3 461	698	574	1 017	1 277	1 804	3 519
1972	120 748	814	865	1 397	1 374	1 928	4 139	829	869	1 422	1 380	1 962	4 213
1973	140 343	1 089	1 275	1 947	1 804	2 439	5 475	1 109	1 280	1 977	1 813	2 476	5 562
1974	134 416	1 221	976	1 708	3 034	3 888	6 817	1 244	983	1 748	3 049	3 945	6 937
1975	111 497	1 098	849	1 655	2 569	3 398	6 151	1 126	851	1 690	2 601	3 470	6 286
1976	135 227	1 300	1 262	2 207	2 845	3 774	7 281	1 348	1 268	2 236	2 876	3 844	7 428
1977	141 580	1 400	1 719	2 726	3 056	4 004	8 130	1 440	1 723	2 762	3 070	4 032	8 234
1978	150 918	1 564	2 257	3 507	3 504	4 539	9 610	1 647	2 260	3 550	3 508	4 565	9 762
1979	156 464	1 822	2 610	3 965	4 539	5 733	11 520	2 053	2 617	4 021	4 531	5 756	11 830
1980	150 649	1 927	2 085	3 398	5 350	6 737	12 062	2 049	2 089	3 466	5 355	6 770	12 285
1981	139 084	1 857	1 828	3 379	5 406	6 944	12 180	1 883	1 827	3 447	5 401	6 965	12 295
1982	121 343	1 616	1 489	2 662	4 535	5 869	10 147	1 650	1 494	2 708	4 515	5 876	10 234
1983	150 724	2 105	2 455	3 942	4 410	5 929	11 976	2 152	2 463	3 993	4 380	5 940	12 085
1984	160 867	2 172	2 410	4 006	5 845	7 506	13 684	2 191	2 410	4 051	5 802	7 492	13 734

Source: Statistics Canada Cat. No. 25-201 and 25-202.

IV - 10. INDUSTRIAL ROUNDWOOD PRODUCTION AND VALUE ADDED BY THE FOREST INDUSTRY BY PROVINCE, 1984

Province or territory	Industrial roundwood production	Value added, manufacturing activity							Value added, total activity						
			Wood industries		Paper and allied industries					Wood industries		Paper and allied industries			
		Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries		Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries	
	1 000 m^3	$000 000						%	$000 000						%
Nfld.	2 240	50	5	9	121	x	x	x	51	5	10	120	x	x	x
P.E.I.	126	--	1	3	-	-	3	-	--	1	7	-	-	7	-
N.S.	3 263	36	28	53	193	217	306	2.2	36	29	56	185	211	303	2.2
N.B.	8 109	172	63	102	302	314	588	4.3	172	63	102	296	307	582	4.2
Atlantic provinces	13 738	258	96	168	616	x	x	x	259	97	175	601	x	x	x
Que.	33 985	398	573	1 037	2 110	2 568	4 003	29.3	407	576	1 045	2 105	2 571	4 023	29.3
Ont.	25 959	391	241	761	1 511	2 453	3 605	26.3	395	242	775	1 509	2 466	3 636	26.5
Man.	1 582	19	6	59	x	104	182	1.3	18	6	59	x	104	181	1.3
Sask.	2 593	19	20	41	x	x	x	x	21	20	41	x	x	x	x
Alta.	8 358	30	115	223	x	226	479	3.5	30	114	237	x	224	491	3.6
Prairies	12 533	68	141	323	279	x	x	x	69	140	337	277	x	x	x
B.C.	74 556	1 058	1 359	1 717	1 329	1 425	4 200	30.7	1 062	1 355	1 718	1 310	1 411	4 191	30.5
Yukon and N.W.T.	96	-	x	-	-	-	-	-	-	x	-	-	-	-	-
Total	**160 867**	**2 172**	**2 410**	**4 006**	**5 845**	**7 506**	**13 684**	**100.0**	**2 191**	**2 410**	**4 051**	**5 802**	**7 492**	**13 734**	**100.0**

Source: Statistics Canada Cat. No. 25-201 and 25-202.

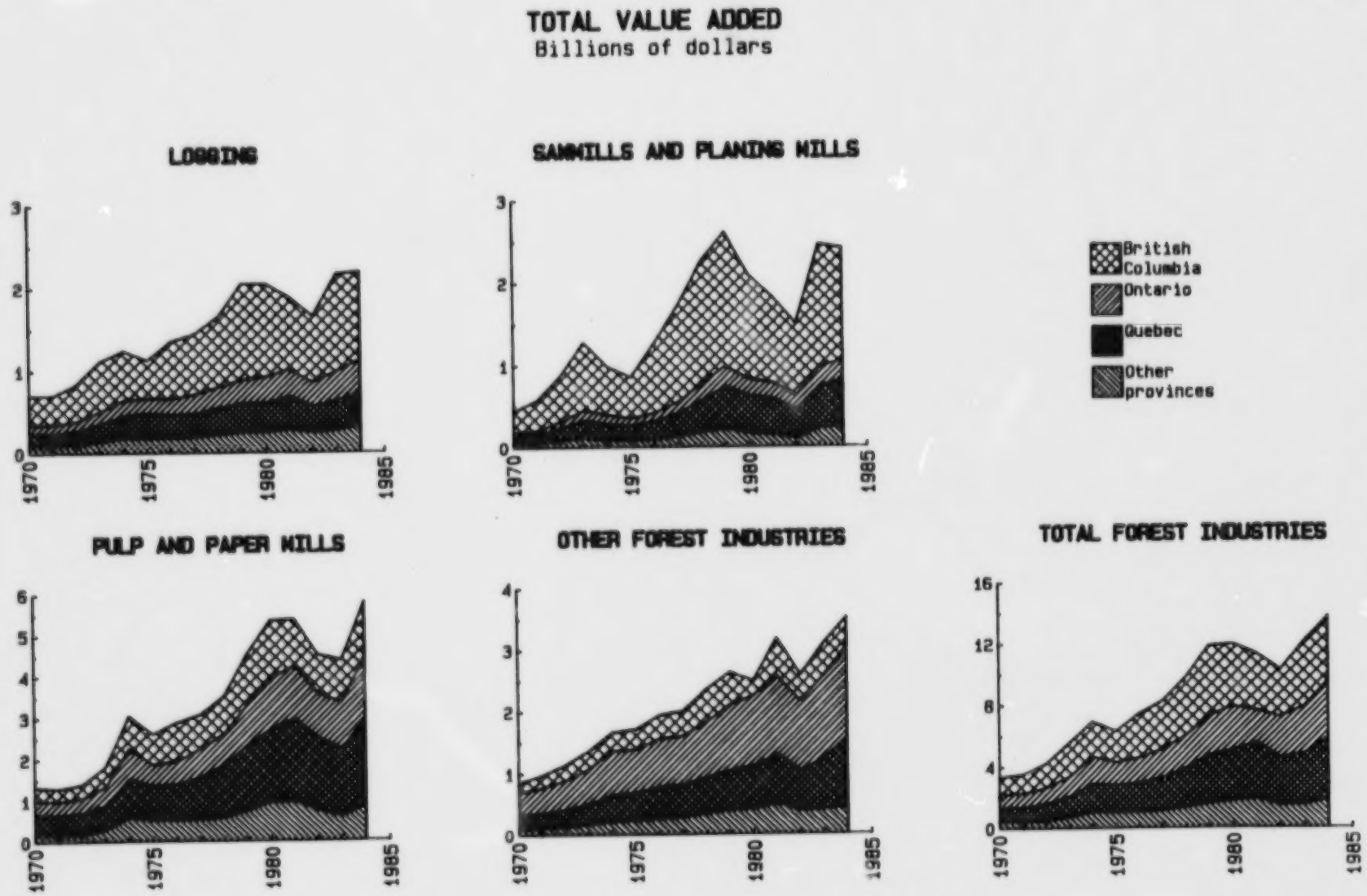

Figure 23. Total value added in the forest industries by sector and region, 1970-1984.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1984

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
A. Sawmill, planing mill, and shingle mill industries (S.I.C. 251)											
Nfld.	62	196	378	2	--	4	9	5	199	3	5
P.E.I.	19	60	73	--	--	1	2	1	60	--	1
N.S.	101	972	1 920	14	4	28	60	28	1 151	17	29
N.B.	89	2 166	4 821	37	8	121	191	66	2 385	42	66
Atlantic provinces	271	3 394	7 191	53	12	154	262	100	3 795	62	100
Que.	429	12 614	26 941	245	60	729	1 339	579	15 774	314	582
Ont.	225	5 787	11 670	117	29	413	669	241	6 886	148	242
Man.	18	320	560	6	1	18	24	6	358	7	6
Sask.	8	429	793	13	2	31	52	20	502	15	20
Alta.	47	2 325	4 733	63	12	144	269	115	2 589	72	114
Prairies	73	3 074	6 086	82	14	193	345	141	3 449	95	140
B.C.	431	26 026	51 029	823	132	2 233	3 790	1 407	30 511	1 007	1 403
Yukon and N.W.T.	-	x	x	x	x	x	x	x	x	x	x
Total	**1 429**	**50 895**	**102 916**	**1 321**	**246**	**3 722**	**6 404**	**2 468**	**60 415**	**1 626**	**2 468**
B. Shingle and shake industry (S.I.C. 2511)											
N.B.	10	133	252	2	--	2	5	3	140	2	3
Que.	14	203	444	3	--	4	10	6	225	4	6
B.C.	77	1 201	2 403	31	3	75	124	48	1 283	35	48
Total	**101**	**1 537**	**3 099**	**37**	**3**	**81**	**139**	**58**	**1 648**	**41**	**57**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1984 (CONTINUED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
C. Sawmill and planing mill products industry (S.I.C. 2512)											
Nfld.	62	196	378	2	--	4	9	5	199	3	5
P.E.I.	19	60	73	--	--	1	2	1	60	--	1
N.S.	101	972	1 920	14	4	28	60	28	1 151	17	29
N.B.	79	2 033	4 569	35	7	119	185	63	2 245	40	63
Atlantic provinces	261	3 261	6 939	51	12	152	257	96	3 655	60	97
Que.	415	12 411	26 497	242	59	725	1 329	573	15 549	311	576
Ont.	225	5 787	11 670	117	29	413	669	241	6 886	148	242
Man.	18	320	560	6	1	18	24	6	358	7	6
Sask.	8	429	793	13	2	31	52	20	502	15	20
Alta.	47	2 325	4 733	63	12	144	269	115	2 589	72	114
Prairies	73	3 074	6 086	82	15	193	345	141	3 449	94	140
B.C.	354	24 825	48 625	792	129	2 158	3 666	1 359	29 228	972	1 355
Yukon and N.W.T.	-	x	x	x	x	x	x	x	x	x	x
Total	**1 328**	**49 338**	**99 818**	**1 284**	**243**	**3 641**	**6 265**	**2 410**	**58 767**	**1 585**	**2 410**
D. Veneer and plywood industries (S.I.C. 252)											
Que.	27	1 457	3 051	25	4	116	177	58	1 769	34	60
Ont.	24	1 889	3 938	36	5	69	139	68	2 176	46	72
B.C.	22	4 121	7 574	125	19	230	419	169	4 568	143	168
Others	8	570	1 069	14	3	38	60	22	661	18	23
Total	**81**	**8 037**	**15 632**	**200**	**31**	**453**	**795**	**317**	**9 174**	**241**	**323**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1984 (CONTINUED)

Activity/ province or territory	Estab-lishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
E. Sash, door, and other millwork industries (S.I.C. 254)											
Nfld.	16	27	51	--	--	1	1	--	27	--	--
N.S.	34	222	466	4	--	13	22	9	303	5	10
N.B.	37	406	776	6	--	22	40	17	523	10	17
Que.	526	6 416	13 002	106	10	305	568	258	7 592	136	261
Ont.	381	6 074	12 883	108	7	281	576	288	7 403	147	297
Man.	62	1 156	2 405	19	2	46	94	48	1 382	26	47
Sask.	17	177	372	3	--	10	19	9	246	5	9
Alta.	141	1 221	2 465	23	3	78	142	61	1 813	41	77
Prairies	220	2 554	5 242	45	5	134	255	118	3 441	72	133
B.C.	233	2 124	4 268	48	3	127	234	96	2 887	71	104
Others	33	394	837	10	4	21	37	17	564	9	17
Total	**1 480**	**18 217**	**37 525**	**327**	**29**	**904**	**1 733**	**803**	**22 740**	**450**	**839**
F. Prefabricated wooden building industry (S.I.C. 2541)											
N.S.	5	104	213	2	--	8	12	4	163	3	4
Que.	32	530	996	8	1	39	66	26	638	11	26
Ont.	14	259	560	4	--	27	47	19	398	8	20
Alta.	8	247	466	5	--	29	46	18	510	12	32
B.C.	14	94	185	2	--	9	15	4	263	7	5
Others	8	35	75	1	--	2	2	1	60	1	--
Total	**81**	**1 269**	**2 495**	**22**	**2**	**114**	**188**	**72**	**2 032**	**42**	**86**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1984 (CONTINUED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
G. Wooden kitchen cabinet and bathroom vanity industries (S.I.C. (2542)											
Nfld.	12	27	51	--	--	1	1	--	27	--	--
N.B.	11	87	171	1	--	4	7	3	109	2	3
Que.	229	1 970	3 959	31	2	68	136	67	2 220	37	67
Ont.	204	2 188	4 662	38	2	74	170	95	2 657	49	95
Man.	39	414	880	7	--	14	29	15	483	9	15
Alta.	69	398	773	7	1	13	30	15	510	10	15
B.C.	109	774	1 561	16	1	30	70	37	1 053	24	37
Others	31	104	224	3	--	3	6	3	117	2	3
Total	**704**	**5 962**	**12 281**	**103**	**7**	**207**	**449**	**235**	**7 176**	**133**	**235**
H. Wooden door and window industry (S.I.C. 2543)											
N.B.	16	262	482	4	--	16	29	12	348	7	12
Atlantic provinces	31	491	964	8	1	30	53	23	702	14	27
Que.	172	2 555	5 261	44	4	140	248	105	3 114	58	107
Ont.	73	2 075	4 353	39	3	115	222	103	2 525	55	108
Man.	11	536	1 113	9	1	23	48	25	638	12	24
Sask.	4	56	114	1	--	4	8	4	92	2	4
Alta.	26	260	555	5	1	19	34	14	372	9	15
Prairies	41	852	1 782	15	2	46	90	43	1 102	23	43
B.C.	52	646	1 270	15	1	50	80	28	811	20	29
Total	**360**	**6 619**	**13 631**	**121**	**11**	**380**	**694**	**302**	**8 254**	**169**	**315**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1984 (CONTINUED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000							
I. Other millwork industries (S.I.C. 2549)											
N.S.	9	118	253	2	--	5	10	5	140	2	6
N.B.	9	57	123	1	--	2	4	2	66	1	2
Atlantic provinces	22	191	430	3	1	10	19	8	239	4	9
Que.	93	1 361	2 786	23	3	57	118	60	1 620	30	61
Ont.	90	1 552	3 308	27	2	65	137	71	1 823	35	74
Man.	12	206	412	3	--	9	17	8	261	5	8
Sask.	13	121	258	2	--	6	11	5	154	3	5
Alta.	38	316	671	6	1	17	32	14	421	10	15
Prairies	63	643	1 341	11	1	32	60	27	836	18	28
B.C.	58	610	1 252	15	1	38	69	28	760	20	33
Others	4	26	55	2	--	4	4	2	33	-	-
Total	**326**	**4 367**	**9 118**	**81**	**8**	**203**	**402**	**195**	**5 278**	**106**	**203**
J. Wooden box and pallet industry (S.I.C. 256)											
N.S.	8	62	129	1	--	2	4	2	65	1	2
N.B.	9	70	115	x	--	2	3	1	75	1	1
Que.	70	745	1 535	11	1	26	50	22	839	14	23
Ont.	96	1 256	2 613	19	2	59	105	44	1 445	23	44
Man.	5	72	143	1	--	3	6	2	79	1	2
Alta.	7	87	188	2	--	5	9	4	99	2	4
Others	17	130	268	4	1	8	14	7	157	4	7
Total	**212**	**2 422**	**4 991**	**38**	**4**	**105**	**191**	**82**	**2 759**	**46**	**83**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1984 (CONCLUDED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
K. Coffin and casket industry (S.I.C. 258)											
Que.	12	383	727	6	1	11	24	13	452	8	12
Ont.	6	133	256	2	--	3	7	4	148	3	4
Alta.	4	32	66	1	--	1	2	1	36	1	1
Others	9	75	152	1	-	3	6	2	86	-	3
Total	**31**	**623**	**1 201**	**10**	**1**	**18**	**39**	**20**	**722**	**12**	**20**
L. Other wood industries (S.I.C. 259)											
P.E.I.	5	13	24	--	--	--	1	--	13	--	--
N.S.	13	69	149	1	--	8	14	5	79	2	5
N.B.	13	370	754	6	3	29	48	16	462	9	16
Que.	95	1 802	3 770	35	9	111	229	108	2 177	46	108
Ont.	106	2 385	5 182	53	17	173	299	114	2 782	66	117
Alta.	21	444	944	12	6	39	70	24	504	14	24
B.C.	59	634	1 242	17	4	68	109	36	761	21	36
Others	16	294	651	8	2	27	40	13	353	8	13
Total	**328**	**6 011**	**12 716**	**132**	**41**	**455**	**810**	**316**	**7 131**	**166**	**319**

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202, 35-204, 35-205, 35-206, 35-208, 35-209 and 35-210.

IV - 12. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1984

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
A. Pulp and paper industries (S.I.C. 271)											
Nfld.	3	1 816	x	x	x	x	x	121	2 202	x	120
N.S.	5	1 767	3 925	57	51	140	379	193	2 394	80	185
N.B.	11	4 102	9 165	130	196	482	963	302	5 453	178	296
Que.	57	23 649	48 616	726	645	1 902	4 650	2 110	30 628	980	2 105
Ont.	34	15 867	33 666	497	372	1 515	3 362	1 511	20 447	673	1 509
B.C.	24	11 855	23 020	384	371	1 227	2 897	1 329	15 767	564	1 310
Others	8	1 962	8 560	128	101	367	861	279	2 513	163	277
Total	**142**	**61 018**	**126 952**	**1 922**	**1 736**	**5 633**	**13 112**	**5 845**	**79 404**	**2 638**	**5 802**
B. Pulp industry (S.I.C. 2711)											
N.B.	6	2 093	4 578	71	100	284	508	146	2 884	102	138
Que.	6	1 509	3 079	48	42	231	484	213	1 994	67	206
Ont.	5	2 906	6 408	96	70	360	705	296	3 708	125	296
B.C.	16	5 777	11 011	191	171	712	1 536	675	7 576	273	659
Others	4	1 571	3 442	61	33	214	507	263	2 096	85	255
Total	**37**	**13 856**	**28 518**	**467**	**416**	**1 801**	**3 740**	**1 593**	**18 258**	**652**	**1 554**

IV - 12. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1984 (CONTINUED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000	$000 000						$000 000	
C. Newsprint industry (S.I.C. 2712)											
Nfld.	3	1 816	x	x	x	x	x	121	2 202	x	120
Que.	22	14 613	30 351	467	430	1 040	2 797	1 321	18 443	616	1 324
Ont.	9	6 882	14 118	216	173	579	1 436	690	9 093	307	691
B.C.	4	4 579	9 146	143	152	362	1 025	517	6 129	214	514
Others	5	2 779	10 702	143	160	383	933	276	3 670	184	276
Total	**43**	**30 669**	**64 317**	**969**	**915**	**2 364**	**6 191**	**2 925**	**39 537**	**1 321**	**2 925**
D. Paperboard industry (S.I.C. 2713)											
Que.	11	2 577	5 054	79	95	230	565	246	3 283	102	254
Ont.	11	2 309	4 813	68	65	171	452	217	2 782	84	217
Others	6	1 505	3 000	48	72	133	324	118	1 835	63	119
Total	**28**	**6 391**	**12 867**	**195**	**232**	**534**	**1 341**	**581**	**7 900**	**249**	**590**
E. Asphalt roofing industry (S.I.C. 272)											
Que.	4	415	885	10	4	62	116	49	623	16	49
Ont.	6	459	922	9	4	95	144	46	537	11	47
Alta.	3	188	387	5	2	39	62	25	241	8	25
Others	4	106	172	3	2	20	32	11	136	3	12
Total	**17**	**1 168**	**2 366**	**27**	**12**	**216**	**354**	**131**	**1 537**	**38**	**133**

IV - 12. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1984 (CONTINUED)

Activity/ province or territory	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
F. Paper box and bag industries (S.I.C. 273)											
Nfld.	3	73	163	2	--	8	12	4	81	2	4
Que.	62	4 432	9 039	105	11	400	643	234	5 793	145	234
Ont.	134	7 801	16 134	178	15	719	1 136	411	9 995	243	409
Others	50	2 378	4 709	58	6	272	447	172	3 135	83	172
Total	**249**	**14 684**	**30 045**	**343**	**32**	**1 399**	**2 238**	**821**	**19 004**	**473**	**819**
G. Folding carton and set-up box industry (S.I.C. 2731)											
Que.	29	1 613	3 321	38	2	107	195	87	2 014	50	87
Ont.	59	3 266	6 895	74	4	237	402	169	4 018	97	170
Others	16	430	865	10	1	40	67	26	537	13	26
Total	**104**	**5 309**	**11 081**	**122**	**7**	**384**	**664**	**282**	**6 569**	**160**	**283**
H. Corrugated box industry (S.I.C. 2732)											
Que.	23	2 101	4 240	52	7	221	333	106	2 861	75	106
Ont.	64	4 089	8 389	95	10	437	668	221	5 341	132	219
Alta.	10	323	644	8	1	39	66	27	421	11	26
B.C.	8	585	1 057	17	2	76	125	48	808	26	49
Others	9	602	1 235	14	2	70	113	42	781	18	42
Total	**114**	**7 700**	**15 565**	**186**	**22**	**843**	**1 305**	**444**	**10 212**	**262**	**442**

IV - 12. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1984 (CONCLUDED)

Activity/ province or territory	Estab-lishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
I. Paper bag industry (S.I.C. 2733)											
Que.	10	718	1 478	15	1	72	115	41	918	20	41
Ont.	11	446	850	9	1	45	66	21	636	14	21
B.C.	3	125	258	3	--	15	25	9	160	5	9
Others	7	386	812	8	1	40	63	24	509	12	24
Total	**31**	**1 675**	**3 398**	**35**	**3**	**172**	**269**	**95**	**2 223**	**51**	**95**
J. Other converted paper products industries (S.I.C. 279)											
Que.	84	2 971	6 148	59	8	273	454	175	4 063	88	183
Ont.	137	7 679	15 288	164	17	716	1 209	485	10 711	254	500
Alta.	8	67	136	1	--	7	13	5	114	3	6
Others	41	640	1 290	13	4	45	92	43	966	22	49
Total	**270**	**11 357**	**22 862**	**237**	**29**	**1 041**	**1 768**	**709**	**15 854**	**367**	**738**
K. Stationery paper products industry (S.I.C. 2792)											
Que.	20	703	1 468	14	1	45	75	30	977	22	38
Ont.	37	1 952	3 836	38	2	129	245	116	2 727	59	121
Man.	7	123	229	2	--	6	12	6	195	4	6
B.C.	8	141	300	4	--	11	23	11	207	6	12
Others	6	56	113	1	1	4	11	5	121	3	8
Total	**78**	**2 975**	**5 946**	**59**	**4**	**195**	**366**	**168**	**4 227**	**94**	**185**

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. Nos. 25-202, 36-204, 36-215 and 36-216.

IV - 13. LOGGING BY YEAR, 1960-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	..	..	..	..	..	..	806	..	..	375	..
1965	2 556	53 992	122 571	274	27	651	1 185	528	60 701	316	547
1970	2 653	44 814	100 235	345	29	898	1 620	683	52 230	412	694
1971	2 441	40 126	88 740	344	30	901	1 630	686	47 284	413	698
1972	2 798	40 363	89 599	382	37	995	1 873	814	47 553	458	829
1973	3 132	49 573	105 182	513	50	1 446	2 494	1 089	57 586	606	1 109
1974	3 253	50 733	108 321	601	68	1 585	2 733	1 221	59 491	717	1 244
1975	2 745	45 533	97 662	588	64	1 129	2 175	1 098	53 622	712	1 126
1976	2 315	42 185	83 917	639	71	1 383	2 733	1 300	49 878	773	1 348
1977	2 131	41 804	83 192	693	74	1 513	2 998	1 400	49 445	844	1 440
1978	2 279	45 939	91 544	808	85	1 828	3 435	1 564	53 753	973	1 647
1979	2 844	48 301	96 238	927	101	2 383	4 222	1 822	56 614	1 115	2 053
1980	3 241	45 826	90 653	965	121	2 597	4 559	1 927	54 370	1 179	2 049
1981	3 276	39 971	78 283	944	159	2 444	4 430	1 857	48 402	1 192	1 883
1982	3 081	32 770	62 413	798	179	2 098	3 995	1 616	40 156	1 032	1 650
1983	3 508	39 771	80 446	1 013	200	2 605	4 909	2 105	45 943	1 219	2 152
1984	3 694	45 368	89 665	1 123	215	3 004	5 364	2 172	51 173	1 324	2 191

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201.

IV - 14. WOOD INDUSTRIES BY YEAR, 1960-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	5 730	69 101	..	222	18	561	1 007	..	82 734	278	432
1965	4 206	78 389	169 301	322	30	818	1 488	655	91 588	399	669
1970	3 330	75 225	157 535	446	36	1 139	1 951	790	87 829	552	802
1971	3 164	78 420	165 368	517	44	1 296	2 347	1 003	91 846	638	1 017
1972	3 085	87 733	182 598	623	53	1 647	3 085	1 397	102 699	771	1 422
1973	3 063	94 818	197 824	756	64	2 181	4 056	1 947	111 600	939	1 977
1974	3 111	89 297	186 506	823	75	2 242	3 991	1 708	106 620	1 038	1 748
1975	2 920	81 588	167 763	846	79	2 098	3 803	1 655	97 717	1 071	1 690
1976	2 703	90 007	187 880	1 098	105	2 770	4 999	2 207	106 178	1 353	2 236
1977	2 542	92 300	192 273	1 272	130	3 161	5 952	2 726	108 660	1 558	2 762
1978	2 928	100 491	209 594	1 482	159	3 916	7 477	3 507	119 004	1 821	3 550
1979	3 208	103 025	216 455	1 687	183	4 927	8 808	3 965	122 048	2 074	4 021
1980	3 363	98 839	207 679	1 798	205	4 865	8 397	3 398	117 307	2 217	3 466
1981	3 394	94 328	189 205	1 824	245	4 802	8 442	3 379	112 570	2 286	3 447
1982	3 345	80 726	155 324	1 653	273	4 095	7 168	2 662	97 050	2 102	2 708
1983	3 453	85 499	172 757	1 950	323	5 297	9 406	3 942	101 965	2 427	3 993
1984	3 561	86 205	174 980	2 028	351	5 657	9 973	4 006	102 941	2 541	4 051

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 15. PAPER AND ALLIED INDUSTRIES BY YEAR, 1960-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	565	76 040	..	339	116	979	2 126	..	95 281	458	1 034
1965	601	83 994	184 072	450	158	1 386	2 882	1 347	110 180	634	1 365
1970	635	90 679	195 536	684	214	1 953	3 931	1 781	121 080	978	1 817
1971	642	90 086	191 811	731	244	2 023	4 001	1 772	119 709	1 039	1 804
1972	654	91 188	195 393	805	257	2 211	4 414	1 928	120 758	1 135	1 962
1973	649	93 123	197 883	886	284	2 536	5 271	2 439	123 138	1 248	2 476
1974	650	99 696	210 962	1 087	427	3 456	7 677	3 888	131 275	1 526	3 945
1975	665	95 794	181 293	1 055	419	3 347	7 132	3 398	127 342	1 553	3 470
1976	661	98 335	203 620	1 381	572	4 038	8 229	3 774	130 207	1 938	3 844
1977	647	94 244	195 940	1 490	697	4 238	8 938	4 004	124 463	2 080	4 032
1978	699	96 882	202 655	1 654	833	4 747	10 197	4 539	126 783	2 282	4 565
1979	732	98 667	204 986	1 802	960	5 654	12 287	5 733	128 918	2 491	5 756
1980	764	99 071	204 792	1 987	1 085	6 785	14 503	6 737	130 310	2 784	6 770
1981	758	99 491	205 525	2 243	1 299	7 595	15 729	6 944	131 024	3 146	6 965
1982	674	87 924	181 586	2 216	1 434	7 059	14 261	5 869	117 669	3 180	5 876
1983	672	86 375	178 775	2 392	1 586	7 468	15 011	5 929	114 308	3 341	5 940
1984	678	88 227	182 224	2 529	1 809	8 289	17 472	7 506	115 799	3 516	7 492

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 16. SAWMILL, PLANING MILL, AND SHINGLE MILL INDUSTRIES (S.I.C. 251) BY YEAR, 1965-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	2 559	44 477	95 489	188	20	502	896	384	50 848	224	389
1970	1 854	43 914	92 625	273	24	705	1 168	450	50 226	326	453
1971	1 705	45 702	96 322	318	29	811	1 440	593	52 650	381	596
1972	1 639	51 076	106 058	385	36	1 030	1 949	894	58 909	464	898
1973	1 593	55 396	115 366	471	44	1 397	2 627	1 306	64 359	572	1 311
1974	1 609	50 615	106 377	506	50	1 341	2 380	999	59 886	623	1 005
1975	1 437	42 291	87 840	482	52	1 141	2 060	883	50 765	599	885
1976	1 282	49 528	104 249	667	70	1 647	2 969	1 309	58 221	802	1 314
1977	1 203	53 169	111 169	803	89	1 986	3 787	1 772	62 199	961	1 776
1978	1 310	58 130	122 002	944	109	2 513	4 848	2 324	68 616	1 139	2 328
1979	1 424	59 294	125 894	1 081	126	3 267	5 831	2 670	70 314	1 312	2 677
1980	1 441	57 800	122 469	1 173	143	3 205	5 430	2 150	68 312	1 423	2 155
1981	1 432	54 499	108 526	1 147	169	2 998	5 098	1 882	64 486	1 413	1 883
1982	1 338	46 295	89 306	1 055	190	2 672	4 501	1 535	55 119	1 319	1 540
1983	1 388	50 179	101 115	1 264	228	3 507	6 106	2 502	59 674	1 548	2 509
1984	1 429	50 895	102 916	1 321	246	3 722	6 404	2 468	60 415	1 626	2 468

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204.

IV - 17. SHINGLE AND SHAKE INDUSTRY (S.I.C. 2511) BY YEAR, 1965-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	64	1 422	2 793	8	--	15	25	10	1 527	9	11
1970	82	1 374	2 697	11	--	18	32	14	1 450	12	14
1971	74	1 595	3 173	14	1	22	44	22	1 687	15	22
1972	72	1 689	3 244	15	1	26	56	29	1 798	16	29
1973	74	1 753	3 415	17	1	37	68	31	1 883	18	31
1974	79	1 421	2 841	16	1	26	50	23	1 540	18	23
1975	69	1 503	2 942	20	1	28	63	34	1 609	21	34
1976	69	1 690	3 359	25	1	44	90	47	1 813	27	47
1977	71	1 637	3 319	29	2	61	115	53	1 754	31	53
1978	84	2 029	4 272	37	2	87	154	68	2 159	41	68
1979	116	1 853	3 887	40	2	92	155	60	1 986	44	60
1980	124	1 897	3 708	41	2	83	152	66	2 034	44	66
1981	119	1 583	3 117	37	2	69	125	54	1 712	40	56
1982	108	1 302	2 401	29	3	46	87	39	1 421	33	41
1983	98	1 417	2 714	34	3	64	114	46	1 539	39	46
1984	101	1 537	3 099	37	3	81	139	58	1 648	41	57

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204.

IV - 18. SAWMILL AND PLANING MILL PRODUCTS INDUSTRY (S.I.C. 2512) BY YEAR, 1960-1984

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	3 719	36 714	..	120	10	296	530	225	..	..	..
1965	2 599	44 477	95 489	188	20	502	896	384	50 848	224	389
1970	1 772	42 540	89 928	262	24	687	1 135	436	48 776	314	439
1971	1 631	44 107	93 150	305	28	789	1 396	572	50 963	366	574
1972	1 567	49 387	102 814	370	35	1 004	1 894	865	57 111	448	869
1973	1 519	53 643	111 951	455	43	1 360	2 559	1 275	62 476	554	1 280
1974	1 530	49 194	103 535	490	49	1 315	2 330	976	58 346	605	983
1975	1 368	40 788	84 899	462	51	1 113	1 997	849	49 156	578	851
1976	1 213	47 838	100 890	642	69	1 604	2 878	1 262	56 408	774	1 268
1977	1 132	51 532	107 850	775	88	1 925	3 673	1 719	60 445	930	1 723
1978	1 226	56 101	117 730	906	107	2 426	4 694	2 257	66 457	1 098	2 260
1979	1 308	57 441	122 007	1 042	124	3 176	5 676	2 610	68 328	1 268	2 617
1980	1 317	55 903	118 761	1 132	141	3 122	5 278	2 085	66 278	1 379	2 089
1981	1 313	52 916	105 409	1 110	166	2 929	4 973	1 828	62 774	1 373	1 827
1982	1 230	44 878	86 592	1 027	188	2 608	4 387	1 489	53 698	1 286	1 494
1983	1 290	48 762	98 401	1 231	226	3 443	5 991	2 455	58 135	1 509	2 463
1984	1 328	49 358	99 818	1 284	243	3 641	6 365	2 410	58 767	1 585	2 410

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204.

IV - 19. VENEER AND PLYWOOD INDUSTRIES (S.I.C. 252) BY YEAR, 1960-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	76	9 856	..	35	3	76	138	61	..	..	..
1965	83	12 826	27 455	55	4	120	222	101	14 265	65	[illegible]
1970	90	10 973	21 616	68	5	152	262	104	12 259	80	106
1971	88	11 363	23 360	80	6	165	312	139	12 650	93	142
1972	84	12 213	24 788	92	7	202	393	182	13 664	108	187
1973	86	13 082	26 599	110	8	255	487	226	14 478	127	232
1974	82	11 863	23 562	112	9	262	463	198	13 291	133	206
1975	83	11 367	21 346	119	10	248	458	200	12 732	141	204
1976	81	11 635	23 179	147	13	311	584	266	13 003	171	270
1977	83	12 301	24 917	174	17	351	647	283	13 695	202	285
1978	86	12 555	25 319	192	20	423	844	402	14 067	222	406
1979	83	12 212	24 470	203	21	498	888	380	13 618	236	391
1980	84	10 990	22 453	206	23	483	840	333	12 363	243	345
1981	77	9 920	18 845	197	26	466	841	351	11 323	238	357
1982	82	9 084	15 772	185	27	360	645	248	10 344	225	254
1983	82	8 596	17 289	216	32	456	853	373	9 724	256	381
1984	81	8 037	15 632	200	31	453	795	317	9 174	241	323

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-206.

IV - 20. SASH, DOOR, AND OTHER MILLWORK INDUSTRIES (S.I.C. 254) BY YEAR, 1960-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	1 397	13 267	..	40	4	134	227	88	..	..	..
1965	1 007	11 108	24 868	41	3	115	209	93	14 122	58	99
1970	908	12 040	25 610	63	3	190	339	146	15 432	91	152
1971	902	12 933	27 820	73	4	223	396	172	16 494	105	180
1972	910	15 594	33 009	94	5	298	509	209	19 547	131	224
1973	943	17 078	36 298	115	6	389	658	274	21 675	163	291
1974	958	17 230	36 462	135	8	462	801	343	22 214	193	365
1975	944	18 409	38 629	165	8	519	928	405	23 083	229	433
1976	925	19 622	41 132	199	10	618	1 073	460	24 224	271	476
1977	891	18 169	38 025	200	11	607	1 079	468	22 641	275	495
1978	1 110	20 525	42 952	240	13	718	1 267	538	25 468	326	573
1979	1 228	21 067	44 175	268	15	818	1 438	618	25 972	360	652
1980	1 316	19 994	41 665	275	16	790	1 425	621	24 866	372	668
1981	1 358	20 447	42 183	321	21	905	1 701	795	25 559	436	852
1982	1 390	16 816	33 698	272	23	685	1 319	588	21 294	377	619
1983	1 440	18 488	37 930	321	26	872	1 641	759	22 925	437	791
1984	1 480	18 217	37 525	327	29	904	1 733	803	22 740	450	839

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-205.

IV - 21. WOODEN BOX AND PALLET INDUSTRY (S.I.C. 256) BY YEAR, 1965-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	160	2 642	5 824	9	1	15	35	19	3 028	11	19
1970	162	2 668	5 668	13	1	25	54	28	3 115	17	28
1971	162	2 666	5 615	14	1	26	55	28	3 109	18	28
1972	157	2 747	5 828	15	1	31	62	30	3 218	19	30
1973	162	2 913	6 176	18	1	40	79	38	3 449	23	38
1974	177	3 192	6 828	22	1	57	105	47	3 731	28	47
1975	179	3 233	6 846	26	1	57	110	52	3 752	33	52
1976	166	2 938	6 216	26	2	57	111	53	3 430	33	53
1977	150	2 869	6 028	30	2	66	134	67	3 347	40	67
1978	161	2 940	6 112	30	2	77	139	61	3 470	39	61
1979	189	3 396	7 099	42	2	104	187	81	3 938	51	81
1980	192	3 017	6 310	38	2	102	189	85	3 547	48	85
1981	191	2 874	5 986	43	3	110	207	93	3 407	55	93
1982	208	2 741	5 662	41	4	97	188	87	3 274	52	88
1983	201	2 216	4 496	32	4	85	152	64	2 556	40	65
1984	212	2 422	4 991	38	4	105	191	82	2 759	46	83

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 22. COFFIN AND CASKET INDUSTRY (S.I.C. 258) BY YEAR, 1965-1984

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	56	1 152	2 595	4	--	6	14	8	1 438	5	8
1970	45	1 006	2 194	5	--	7	17	10	1 260	7	10
1971	45	983	2 172	5	--	7	18	10	1 217	7	10
1972	43	973	2 113	5	--	8	18	10	1 202	7	10
1973	42	982	2 088	6	--	10	21	11	1 180	8	11
1974	43	1 000	2 051	6	--	13	25	13	1 230	9	13
1975	40	952	1 990	7	--	11	25	14	1 120	9	14
1976	38	837	1 803	7	--	10	23	12	965	8	13
1977	29	743	1 599	7	--	10	23	13	860	8	13
1978	31	721	1 507	7	--	13	27	15	846	9	15
1979	32	660	1 393	7	--	13	29	15	776	9	16
1980	38	707	1 488	9	1	15	32	16	828	11	17
1981	34	616	1 311	9	1	15	33	18	736	11	18
1982	33	643	1 340	10	1	17	36	19	741	12	19
1983	31	692	1 397	11	1	18	39	21	799	14	21
1984	31	623	1 201	10	1	18	39	20	722	12	20

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 23. OTHER WOOD INDUSTRIES (S.I.C. 259) BY YEAR, 1965-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	277	4 762	10 276	17	2	45	86	40	5 796	23	41
1970	271	4 624	9 821	24	3	59	112	52	5 537	31	53
1971	260	4 773	10 079	27	3	64	126	60	5 726	35	61
1972	252	5 130	10 803	32	4	77	153	72	6 159	41	73
1973	237	5 367	11 298	36	5	90	184	91	6 459	47	93
1974	242	5 397	11 226	42	6	109	217	108	6 268	52	110
1975	237	5 336	11 112	48	7	121	222	100	6 265	59	101
1976	211	5 447	11 308	54	10	127	239	106	6 335	67	110
1977	186	5 049	10 536	57	11	142	282	124	5 918	72	126
1978	230	5 620	11 703	69	14	173	351	166	6 537	85	167
1979	252	6 396	13 424	86	18	226	436	201	7 430	107	204
1980	292	6 331	13 294	97	20	269	481	193	7 391	119	197
1981	302	5 972	12 354	107	26	307	563	240	7 059	133	244
1982	296	5 262	9 860	92	27	282	506	192	6 278	118	193
1983	311	5 328	10 529	105	32	360	615	223	6 287	132	226
1984	328	6 011	12 716	132	41	455	810	316	7 131	166	319

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 24. WOOD PRESERVATION INDUSTRY (S.I.C. 2591) BY YEAR, 1965-1984

Year	Establishments	MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	31	1 178	2 465	5	1	19	34	15	1 456	7	15
1970	34	1 048	2 212	7	1	21	39	17	1 357	10	18
1971	30	1 154	2 443	8	1	26	45	19	1 448	11	20
1972	31	1 148	2 509	9	1	27	51	22	1 465	12	22
1973	33	1 125	2 418	10	1	32	61	27	1 452	14	28
1974	36	1 281	2 622	13	2	42	80	39	1 506	16	41
1975	36	1 320	2 721	14	2	54	88	37	1 627	19	37
1976	36	1 199	2 341	13	2	49	81	32	1 481	18	34
1977	34	1 188	2 418	16	2	58	102	39	1 474	21	40
1978	38	1 446	2 985	20	3	69	120	48	1 733	25	48
1979	41	1 364	2 784	21	3	82	132	51	1 672	27	52
1980	40	1 416	2 900	26	3	94	150	56	1 687	31	59
1981	43	1 295	2 656	26	4	106	173	65	1 572	32	67
1982	45	1 128	2 166	24	6	100	166	61	1 388	31	61
1983	47	1 019	1 987	23	5	111	171	54	1 249	29	56
1984	50	1 185	2 453	30	7	154	236	75	1 443	37	78

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 25. PARTICLEBOARD AND WAFERBOARD INDUSTRIES (S.I.C. 2592-2593) BY YEAR, 1970-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
A. Particleboard and waferboard											
1970	9	674	1 512	4	1	8	18	9	783	5	9
1971	11	846	1 766	5	1	11	25	13	1 007	7	13
1972	11	952	2 091	7	2	17	37	18	1 136	9	18
1973	11	1 028	2 248	8	2	17	47	27	1 240	10	27
1974	11	1 077	2 298	10	3	21	52	29	1 269	12	29
1975	14	1 192	2 413	13	3	26	51	23	1 377	16	22
1976	18	1 634	3 340	20	6	41	77	33	1 889	24	33
1977	17	1 590	3 221	21	8	48	102	45	1 841	26	44
1978	17	1 720	3 616	28	10	65	148	74	2 018	34	74
1979	18	2 056	4 310	35	13	86	183	89	2 407	43	89
1980	17	1 807	3 794	36	14	97	186	71	2 149	44	70
1981	21	1 974	4 096	44	18	118	226	95	2 366	55	95
B. Particleboard (S.I.C. 2592)											
1982	17	928	1 914	20	10	64	122	48	1 138	26	47
1983	19	1 014	1 972	23	11	81	149	57	1 223	31	57
1984	19	1 201	2 592	30	13	90	197	94	1 525	42	93
C. Waferboard (S.I.C. 2593)											
1982	10	971	1 505	17	8	45	78	21	1 142	22	21
1983	11	1 003	2 032	25	11	76	130	43	1 199	31	43
1984	11	1 210	2 727	34	16	111	189	62	1 429	41	61

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208.

IV - 26. PULP AND PAPER INDUSTRIES (S.I.C. 271) BY YEAR, 1960-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	126	53 313	..	260	111	658	1 583	815	..	..	..
1965	132	58 074	128 006	339	151	924	2 104	1 034	69 897	424	1 042
1970	139	62 025	134 291	512	204	1 334	2 851	1 323	80 371	701	1 331
1971	142	61 426	130 766	546	233	1 364	2 832	1 273	79 397	746	1 277
1972	141	61 196	131 426	594	244	1 484	3 128	1 374	78 969	809	1 380
1973	146	61 783	131 688	645	271	1 701	3 791	1 804	80 085	884	1 813
1974	147	66 584	142 883	803	409	2 307	5 703	3 034	86 203	1 097	3 049
1975	147	64 329	117 176	755	399	2 192	5 122	2 569	84 046	1 092	2 601
1976	147	66 946	139 464	1 033	546	2 733	5 993	2 845	86 995	1 416	2 876
1977	145	64 930	135 108	1 130	668	2 911	6 637	3 056	84 533	1 541	3 070
1978	144	66 039	138 834	1 253	798	3 255	7 649	3 504	85 601	1 697	3 508
1979	146	66 878	139 305	1 355	919	3 848	9 282	4 539	87 055	1 847	4 531
1980	144	66 252	137 699	1 486	1 037	4 605	10 908	5 350	86 872	2 050	5 355
1981	144	67 170	139 183	1 670	1 240	5 063	11 619	5 406	87 882	2 310	5 401
1982	142	62 626	129 840	1 729	1 376	4 877	10 689	4 535	83 104	2 442	4 515
1983	137	60 200	125 563	1 838	1 522	5 092	11 082	4 410	79 164	2 528	4 380
1984	142	61 018	126 952	1 922	1 736	5 633	13 112	5 845	79 404	2 638	5 802

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-204.

IV - 27. ASPHALT ROOFING INDUSTRY (S.I.C. 272) BY YEAR, 1965-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	21	1 291	2 899	6	1	30	58	26	1 942	10	30
1970	14	618	1 436	4	1	22	39	17	1 141	9	19
1971	14	727	1 706	6	1	29	51	22	1 218	10	25
1972	14	815	1 919	7	1	34	63	28	1 277	12	31
1973	15	919	2 088	8	1	41	77	33	1 375	13	37
1974	15	916	2 109	9	2	54	102	49	1 403	15	52
1975	15	963	2 189	11	2	69	121	51	1 438	18	53
1976	15	1 034	2 177	13	3	87	148	60	1 549	21	63
1977	15	998	2 127	14	4	91	154	62	1 540	22	64
1978	17	1 043	2 169	15	4	111	179	64	1 467	23	67
1979	18	997	2 067	15	5	138	209	72	1 471	24	81
1980	17	891	1 874	15	5	160	244	78	1 393	26	92
1981	16	806	1 637	15	6	167	269	90	1 301	27	100
1982	16	768	1 562	15	7	162	271	102	1 269	26	107
1983	17	1 025	2 103	25	8	215	306	89	1 424	36	102
1984	17	1 168	2 366	27	12	216	354	131	1 537	38	133

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-215.

IV - 28. PAPER BOX AND BAG INDUSTRIES (S.I.C. 273) BY YEAR, 1965-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	244	15 898	34 274	102	3	284	458	172	20 952	100	173
1970	269	17 505	37 569	108	5	389	656	266	23 497	160	270
1971	268	17 527	37 231	116	6	412	701	285	23 387	170	290
1972	268	18 393	39 435	132	7	455	771	313	24 335	191	320
1973	265	19 249	40 698	150	7	518	881	358	25 282	214	366
1974	269	20 187	41 236	177	9	718	1 182	480	26 247	252	498
1975	286	18 791	38 173	182	11	698	1 171	458	24 799	266	470
1976	284	18 882	38 509	215	13	784	1 310	526	24 891	306	537
1977	280	18 086	37 675	231	16	811	1 355	525	23 837	329	528
1978	296	18 680	38 925	252	18	904	1 502	589	24 259	351	591
1979	316	19 125	39 688	276	21	1 057	1 718	653	24 607	382	657
1980	331	19 713	40 238	306	25	1 226	2 000	765	25 443	430	767
1981	331	19 255	39 496	349	31	1 452	2 303	832	25 131	492	835
1982	255	14 087	28 519	275	26	1 115	1 800	664	18 492	394	667
1983	248	14 447	29 270	313	29	1 217	1 989	752	18 641	435	750
1984	249	14 684	30 045	343	32	1 399	2 238	821	19 004	473	819

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-216.

IV - 29. OTHER CONVERTED PAPER PRODUCTS INDUSTRIES (S.I.C. 279) BY YEAR, 1965-1984

		MANUFACTURING ACTIVITY							TOTAL ACTIVITY		
		Production and related workers							Total employees[a]		
Year	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	204	8 731	18 892	37	3	147	262	115	12 215	58	120
1970	213	10 531	22 240	60	4	208	384	176	16 071	108	197
1971	218	10 406	22 108	63	4	219	416	193	15 707	113	212
1972	231	10 784	22 613	71	5	239	453	213	16 177	124	231
1973	223	11 172	23 409	82	5	276	522	243	16 396	137	261
1974	219	12 009	24 733	98	7	377	690	326	17 422	162	347
1975	217	11 711	23 755	107	7	389	717	320	17 059	178	345
1976	215	11 473	23 469	119	9	435	778	343	16 772	195	368
1977	207	10 230	21 030	115	10	426	793	360	14 553	187	370
1978	242	11 120	22 728	134	13	477	867	382	15 456	211	399
1979	252	11 667	23 926	156	15	611	1 077	469	15 785	238	488
1980	272	12 215	24 979	179	18	795	1 351	544	16 602	278	556
1981	267	12 260	25 209	210	23	912	1 539	615	16 710	317	630
1982	260	10 443	21 665	197	25	910	1 502	568	14 804	317	586
1983	270	10 703	21 839	216	26	943	1 634	678	15 079	342	709
1984	270	11 357	22 862	237	29	1 041	1 768	709	15 854	367	738

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-215.

IV - 30. MANUFACTURING INDUSTRIES, 1984

Manufacturing industries[b]	S.I.C.[c]	Establishments	MANUFACTURING ACTIVITY: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	TOTAL ACTIVITY: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total employees[a]: Total value added
				1 000	$000 000						$000 000	
A. Forestry												
Sawmills, planing mills	2512	1 328	49 358	99 818	1 284	243	3 641	6 265	2 410	58 767	1 585	2 410
Shingle and shake industry	2511	101	1 537	3 099	37	3	81	139	58	1 648	41	57
Pulp and paper mills	271	142	61 018	126 952	1 922	1 736	5 633	13 112	5 845	79 404	2 638	5 802
Other wood industries	252-259	2 132	35 310	72 064	707	105	1 935	3 569	1 538	42 526	915	1 583
Other paper industries	272-279	536	27 209	55 272	607	73	2 656	4 360	1 661	36 395	878	1 690
Furniture and fixtures	261-269	1 665	37 561	79 230	639	43	1 426	3 022	1 570	45 287	849	1 581
Printing and publishing	281-284	5 280	65 257	126 662	1 494	73	3 162	8 659	5 448	113 447	2 761	5 611
B. Agriculture												
Food, feed, beverage, tobacco	101, 103-122	3 175	130 927	268 809	2 922	643	23 810	36 173	11 934	201 973	4 965	12 980
C. Fishing												
Fish products	102	397	21 261	43 682	318	39	954	1 592	593	24 372	385	772
D. Mining												
Smelting and refining	291,295	89	58 947	124 241	1 963	920	5 950	11 826	5 158	80 651	2 803	5 177
Metal semi-fabricating products	292-294, 296-299, 351-359	1 973	58 662	123 580	1 485	660	4 844	9 851	4 373	77 192	2 073	4 490
Metal-fabricated products	301-309	5 329	99 669	208 144	2 238	224	6 150	12 193	5 833	129 202	3 114	6 001
E. Energy												
Petroleum and coal products	361-369	120	6 538	14 400	263	321	20 795	23 337	2 616	17 264	729	2 596
F. Other												
Machinery (except electrical)	311-319	1 689	50 316	104 712	1 153	93	3 335	6 863	3 493	72 777	1 809	3 731
Transportation equipment	321-329	1 446	149 227	334 093	4 111	338	25 365	37 916	12 376	195 629	5 663	13 447
Electrical products	331-339	1 345	84 544	176 088	1 836	135	5 800	11 632	6 057	135 951	3 368	6 959
Chemicals, chemical products	371-379	1 263	45 568	96 694	1 204	1 213	9 263	17 175	6 928	87 802	2 614	7 620
Textile and clothing	181-249	3 550	144 487	292 366	2 049	211	5 324	10 427	4 952	170 706	2 759	5 137
Miscellaneous products	151-169, 171, 391-399	4 904	113 420	233 579	2 063	233	6 011	11 959	5 824	151 051	3 127	6 398
G. Total	...	**36 464**	**1 240 816**	**2 583 488**	**28 295**	**7 306**	**136 134**	**230 070**	**88 668**	**1 722 044**	**43 076**	**94 045**

[a]Excluding working owners and partners.
[b]Excluding primary industries.
[c]1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

SECTION V

EMPLOYMENT

Labour Force Survey

Labour Force Survey statistics are based on information obtained through a sample survey of households. Interviews are carried out in about 48 000 representative households across the country.

The sample used in the surveys of the labour force has been designed to represent all persons in the population 15 years of age and over residing in Canada, with the exception of the following: residents of the Yukon and Northwest Territories, persons living on Indian reserves, inmates of institutions, and full-time members of the armed forces.

A comprehensive description of the design of the Labour Force Surveys and a complete list of Self-Representative Units, can be found in "Methodology of the Canadian Labour Force Survey," Statistics Canada, Catalogue 71-526, Ottawa, 1976.

Employment: Employed persons are those who, during the reference week: a) did any work at all; b) had a job, but were not at work due to own illness or disability, personal or family responsibilities, bad weather, labour dispute, vacation, or other reasons (excluding persons on layoff and those with a job to start at a definite date in the future).

Census of Manufactures

The Census of Manufactures is an annual survey of the manufacturing industries of Canada.

Data are accepted for any fiscal year ending not earlier than April 1 of the reference year, nor later than March 31 of the following year. However, data of small establishments based on financial statements submitted to Revenue Canada relate to the taxation year, that is, any reporting year ending in the calendar year. These practices should be kept in mind in comparing census data with those compiled on a calendar year basis.

For detailed definitions and some qualifications to the preceding explanations, see Concepts and Definitions of the Census of Manufactures, Catalogue 31-528.

Employment: Excludes working owners and partners of unincorporated businesses, which are separately tabulated, and outside pieceworkers. Respondents are asked for average number employed during the year. Production and related workers in manufacturing activity include those at the establishment engaged in processing, assembling, storing, inspecting, handling, packing, maintenance, repair, janitorial and security services, and working foremen. Administrative office and other non-manufacturing employees include all functions at head offices, sales offices, and auxiliary units as well as cafeteria workers, research personnel, truck drivers, etc.

V - 1. EMPLOYMENT BY INDUSTRY SECTOR[a], 1970-1986

	Forestry related							Mining related				Agriculture related			Fishing					
			Wood industries		Paper and allied industries															
Year	Logging	Forestry services	Sawmills, planing, shingle mills	Total	Pulp and paper mills	Total	Printing, publishing, furniture, fixture	Crude ores concentrates	Smelting and refining	Metal semi fabricating	Metal fabricating	Agriculture	Agriculture services	Food, feed, beverage, tobacco[b]	Fishing, fishing services	Fish products	Energy	Construction	Other	Total
										1 000 persons										
1970	..	..	..	..	..	..	..	..	..	..	..	513	..	..	..	..	..	467	..	7 919
1971	..	..	..	..	..	..	..	..	..	..	..	514	..	..	..	..	..	489	..	8 109
1972	..	..	..	..	..	..	..	..	..	..	..	483	..	..	..	..	..	496	..	8 304
1973	68	13	74	123	99	..	160	87	89	100	161	469	13	237	31	23	142	539	..	8 781
1974	..	..	..	..	..	..	..	..	..	..	..	474	..	..	..	..	..	596	..	9 125
1975	60	10	52	98	91	130	171	109	86	90	161	483	14	223	31	21	158	603	6 867	9 325
1976	61	9	74	117	109	149	168	111	92	100	147	472	16	238	19	24	163	635	6 967	9 478
1977	58	12	69	118	92	138	180	109	87	97	148	464	16	235	19	26	168	634	7 159	9 651
1978	64	13	77	130	97	140	187	103	90	105	152	474	13	241	31	22	191	639	7 399	9 987
1979	66	12	64	140	99	141	188	106	92	97	165	484	14	236	28	27	198	644	7 749	10 395
1980	61	10	70	136	101	143	187	120	110	99	172	479	16	232	32	37	217	624	8 024	10 708
1981	66	11	79	139	100	146	196	127	118	95	170	465	15	240	33	36	231	651	8 241	11 006
1982	52	11	59	107	93	136	200	99	98	84	147	462	15	231	31	33	216	637	8 121	10 649
1983	54	12	53	115	87	135	206	93	90	78	134	476	17	227	35	33	210	666	8 253	10 734
1984	53	13	67	110	92	138	209	99	92	84	138	476	21	210	33	33	221	672	8 482	11 000
1985	57	11	59	110	89	123	205	108	97	88	141	480	19	225	33	30	224	687	8 766	11 311
1986	57	11	53	125	81	113	223	102	95	81	154	484	23	218	37	35	216	627	9 032	11 634

[a]Unadjusted series.

[b]Excluding fish products.

Source: Statistics Canada Cat. No. 71-201, Labour Force Survey.

V - 2. EMPLOYMENT BY PROVINCE[a], 1970-1986

Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
					1 000 persons						
A. Employed labour force											
1970	129	35	256	192	2 128	3 037	371	333	633	805	7 919
1971	135	37	256	197	2 175	3 113	379	334	643	834	8 104
1972	140	36	261	205	2 205	3 239	386	336	671	865	8 344
1973	151	39	275	214	2 330	3 380	402	343	706	920	8 761
1974	149	41	292	221	2 401	3 523	419	350	754	976	9 125
1975	152	42	292	224	2 434	3 576	417	365	788	995	9 284
1976	157	42	292	226	2 456	3 643	425	378	838	1 021	9 477
1977	159	43	292	224	2 476	3 708	428	390	880	1 050	9 651
1978	162	45	303	234	2 530	3 835	439	398	937	1 103	9 987
1979	170	46	311	243	2 619	3 993	450	411	1 007	1 144	10 395
1980	178	47	321	249	2 694	4 053	458	417	1 078	1 213	10 708
1981	179	47	322	253	2 726	4 171	461	425	1 152	1 270	11 006
1982	174	45	313	243	2 584	4 067	454	426	1 132	1 204	10 644
1983	174	48	320	247	2 642	4 096	460	436	1 115	1 197	10 734
1984	176	49	337	248	2 722	4 243	472	439	1 114	1 202	11 000
1985	176	51	337	258	2 804	4 402	480	452	1 123	1 228	11 311
1986	181	52	344	267	2 866	4 555	493	457	1 146	1 274	11 634
B. Unemployment rate											
1970	7.3	x	5.3	6.3	7.0	4.4	5.3	4.2	5.1	7.7	5.7
1971	8.4	x	7.0	6.1	7.3	5.4	5.7	3.5	5.7	7.2	6.2
1972	9.2	10.8	7.0	7.0	7.5	5.0	5.4	4.4	5.6	7.8	6.2
1973	10.0	x	6.6	7.7	6.8	4.3	4.6	3.5	5.3	6.7	5.5
1974	13.0	x	6.8	7.5	6.6	4.4	3.6	2.8	3.5	6.2	5.3
1975	14.0	8.0	7.7	9.8	8.1	6.3	4.5	2.9	4.1	8.5	6.9
1976	13.3	9.6	9.5	11.0	8.7	6.2	4.7	3.9	4.0	8.6	7.1
1977	15.5	9.8	10.6	13.2	10.3	7.0	5.9	4.5	4.5	8.5	8.1
1978	16.2	9.8	10.5	12.5	10.9	7.2	6.5	4.9	4.7	8.3	8.3
1979	15.1	11.2	10.1	11.1	9.6	6.5	5.3	4.2	3.9	7.6	7.4
1980	13.3	10.6	9.7	11.0	9.8	6.8	5.5	4.4	3.7	6.8	7.5
1981	13.9	11.2	10.2	11.5	10.3	6.6	5.9	4.7	3.8	6.7	7.5
1982	16.8	12.9	13.2	14.0	13.8	9.8	8.5	6.2	7.7	12.1	11.0
1983	18.8	12.2	13.2	14.8	13.9	10.4	9.4	7.4	10.8	13.8	11.9
1984	20.5	12.8	13.1	14.9	12.8	9.1	8.3	8.0	11.2	14.7	11.3
1985	21.3	13.2	13.8	15.2	11.8	8.0	8.1	8.1	10.1	14.2	10.5
1986	20.0	13.4	13.4	14.4	11.0	7.0	7.7	7.7	9.8	12.6	9.6

[a]Unadjusted series.

Source: Statistics Canada Cat. No. 71-201, Labour force survey.

V - 3. EMPLOYMENT IN THE FOREST INDUSTRIES BY SECTOR[a], 1961-1984

		Wood industries						Paper and allied industries			
Year	Logging	Sawmills and planing mills	Shingle and shake industry	Veneer and plywood industries	Sash door, and other millwork industries	Other wood industries	Total	Pulp and paper mills	Other paper industries	Total	Total forest industries
1961	..	46 688	..	..	..	35 397	**82 085**	63 789	34 503	**98 292**	..
1965	**60 701**	50 848	1 527	14 265	14 122	10 826	**91 588**	69 897	40 283	**110 180**	**262 469**
1970	**52 230**	48 776	1 450	12 259	15 432	9 912	**87 829**	80 371	40 709	**121 080**	**261 139**
1971	**47 284**	50 963	1 687	12 650	16 494	10 052	**91 846**	79 397	40 312	**119 709**	**258 839**
1972	**47 553**	57 111	1 798	13 664	19 547	10 579	**102 699**	78 969	41 789	**120 758**	**271 010**
1973	**57 586**	62 476	1 883	14 478	21 675	11 088	**111 600**	80 085	43 053	**123 138**	**292 324**
1974	**59 491**	58 346	1 540	13 291	22 214	11 229	**106 620**	86 203	45 072	**131 275**	**297 386**
1975	**53 622**	49 156	1 609	12 732	23 083	11 137	**97 717**	84 046	43 296	**127 342**	**278 681**
1976	**49 878**	56 408	1 813	13 003	24 224	10 730	**106 178**	86 995	43 212	**130 207**	**286 263**
1977	**49 445**	60 445	1 754	13 695	22 641	10 125	**108 660**	84 533	39 930	**124 463**	**282 568**
1978	**53 753**	66 457	2 159	14 067	25 468	10 853	**119 604**	85 601	41 182	**126 783**	**299 540**
1979	**56 614**	68 328	1 986	13 618	25 972	12 144	**122 048**	87 055	41 863	**128 918**	**307 580**
1980	**54 370**	66 278	2 034	12 363	24 866	11 766	**117 307**	86 872	43 438	**130 310**	**301 987**
1981	**48 402**	62 774	1 712	11 323	25 559	11 202	**112 570**	87 882	43 142	**131 024**	**291 996**
1982	**40 156**	53 698	1 421	10 344	21 294	10 293	**97 050**	83 104	34 565	**117 669**	**254 875**
1983	**45 943**	58 135	1 539	9 724	22 925	9 642	**101 965**	79 164	35 144	**114 308**	**262 216**
1984	**51 173**	58 767	1 648	9 174	22 740	10 612	**102 941**	79 404	36 395	**115 799**	**269 913**

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202, Census of manufactures.

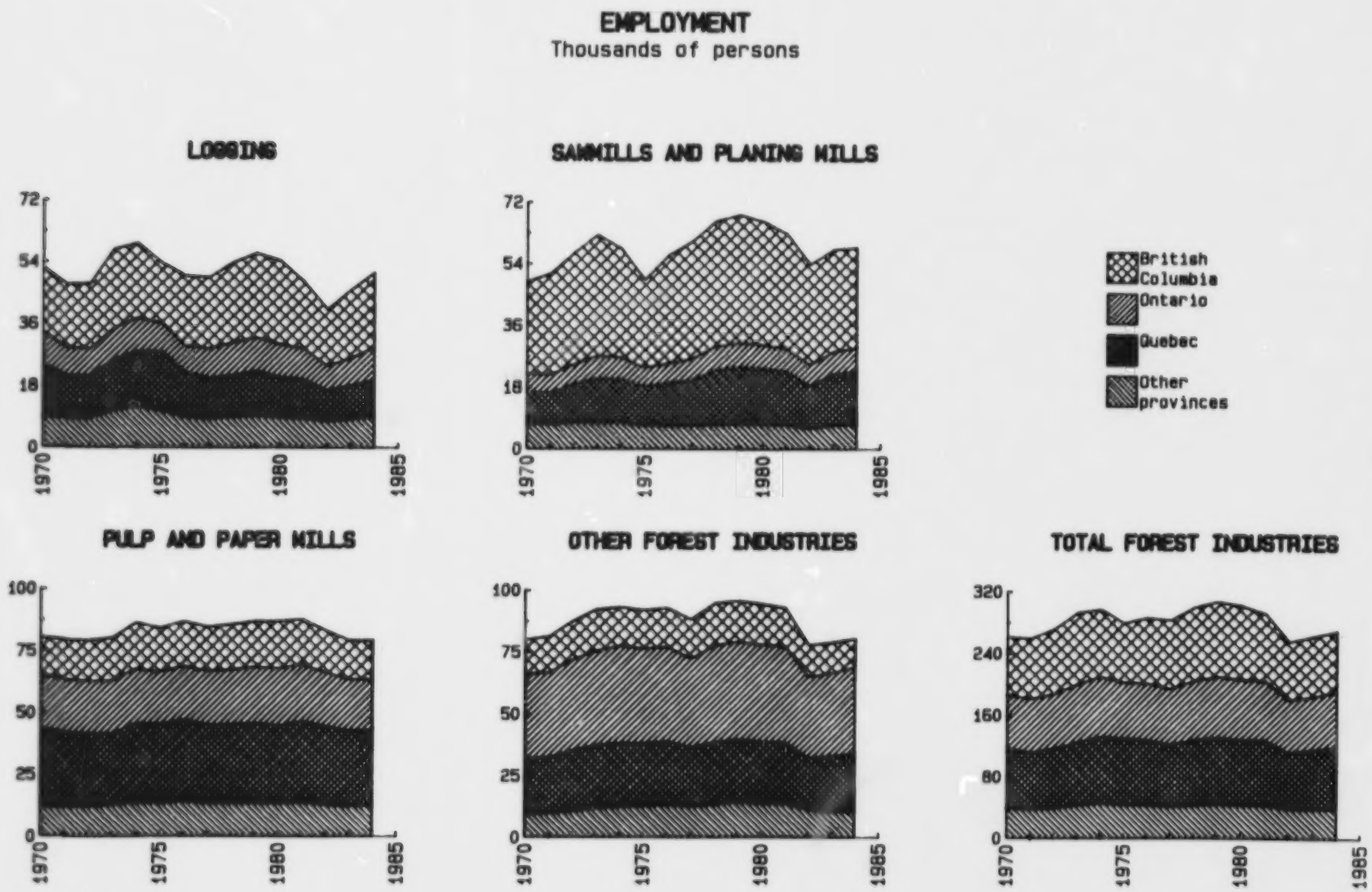

Figure 24. Employment in the forest industries by sector and region, 1970-1984.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

V - 4. EMPLOYMENT BY FOREST INDUSTRY SECTOR AND PROVINCE[a], 1970-1984

Sector/year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada[b]
A. Logging											
1970	2 439	-	1 523	3 599	14 815	9 567	386	549	747	18 581	**52 230**
1971	1 778	-	1 427	3 466	12 521	8 125	432	518	652	18 364	**47 284**
1972	1 881	-	1 273	3 348	12 364	7 783	520	626	782	18 976	**47 553**
1973	2 404	-	1 524	4 533	14 690	8 983	563	677	1 306	22 906	**57 586**
1974	2 579	-	1 675	4 741	16 115	9 673	693	843	1 456	21 716	**59 491**
1975	2 319	-	1 592	4 134	17 288	8 028	769	851	1 141	17 500	**53 622**
1976	1 588	-	1 117	3 852	13 135	7 694	670	616	1 052	20 154	**49 878**
1977	1 625	-	1 098	3 547	11 834	8 447	567	511	980	20 836	**49 445**
1978	1 324	-	1 229	4 269	11 959	9 569	578	616	1 041	23 168	**53 753**
1979	x	x	1 178	4 377	13 065	9 684	500	682	1 151	24 474	**56 614**
1980	x	x	1 083	4 140	11 575	9 578	527	605	1 020	24 270	**54 370**
1981	1 580	5	1 030	3 808	11 257	9 003	578	599	981	19 561	**48 402**
1982	1 614	12	1 021	3 188	8 994	7 079	449	575	853	16 371	**40 156**
1983	1 328	9	1 190	4 051	9 881	7 826	446	560	746	19 906	**45 943**
1984	1 258	11	1 244	4 542	10 729	9 515	586	660	778	21 850	**51 173**
B. Wood Industries											
1970	429	59	2 182	3 605	19 483	16 664	1 233	933	4 852	38 329	**87 829**
1971	447	69	1 889	3 570	19 975	16 835	1 330	1 035	5 002	41 652	**91 846**
1972	448	65	2 065	3 886	23 200	18 598	1 634	1 228	5 717	45 819	**102 699**
1973	505	72	1 982	3 967	25 592	20 662	1 943	1 236	6 065	49 547	**111 600**
1974	538	75	2 124	4 225	24 771	20 507	1 979	1 241	6 241	44 866	**106 620**
1975	482	x	2 210	3 838	23 959	19 284	1 957	1 593	5 614	38 655	**97 717**
1976	392	87	2 234	3 949	25 239	19 872	1 903	1 552	6 250	44 645	**106 178**
1977	380	110	2 001	3 487	25 345	20 110	1 835	1 656	6 100	47 605	**108 660**
1978	414	194	2 203	3 759	29 132	21 942	1 998	1 803	6 571	50 955	**119 094**
1979	374	x	2 151	4 338	29 782	22 902	2 060	1 867	6 967	51 369	**122 048**
1980	330	162	1 980	4 245	29 213	21 348	1 993	1 596	6 634	49 708	**117 307**
1981	334	128	1 802	3 956	27 976	20 970	2 158	1 620	6 904	46 627	**112 570**
1982	263	112	1 618	3 151	23 566	19 011	1 852	1 343	5 765	40 309	**97 050**
1983	380	139	1 879	3 510	27 367	19 562	2 010	x	5 418	40 392	**101 965**
1984	335	219	1 867	3 503	28 603	20 840	1 932	1 233	5 508	38 901	**102 941**

V - 4. EMPLOYMENT BY FOREST INDUSTRY SECTOR AND PROVINCE[a], 1970-1984 (CONCLUDED)

Sector/year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada[b]
C. Paper and allied industries											
1970	x	-	2 850	5 575	43 743	44 894	1 835	x	1 622	17 089	**121 080**
1971	x	-	3 077	5 603	42 125	43 867	1 902	x	1 562	18 327	**119 709**
1972	x	-	3 043	5 505	41 988	44 580	2 192	x	1 680	18 804	**120 758**
1973	x	-	3 253	5 595	41 427	45 391	2 182	x	1 743	19 782	**123 138**
1974	x	-	3 319	5 925	45 367	47 404	x	x	2 155	20 768	**131 275**
1975	x	-	3 309	5 898	44 695	45 178	2 284	x	2 208	20 225	**127 342**
1976	x	-	3 336	6 433	45 923	45 645	2 240	x	2 336	20 404	**130 207**
1977	x	-	3 338	6 124	43 633	43 488	2 089	x	2 254	20 320	**124 463**
1978	x	-	3 513	5 980	43 736	45 209	2 159	x	2 338	20 655	**126 783**
1979	x	-	3 175	6 145	44 333	46 172	x	x	2 575	20 998	**128 918**
1980	x	-	3 163	6 016	43 556	47 861	2 408	x	2 384	21 540	**130 310**
1981	x	-	3 340	x	45 011	47 381	2 361	x	2 499	20 660	**131 024**
1982	x	-	x	5 484	41 457	41 597	2 041	x	2 210	18 458	**117 669**
1983	x	-	2 877	5 143	40 829	41 001	1 859	x	2 239	17 390	**114 308**
1984	x	-	2 993	5 738	41 107	41 690	1 746	x	2 187	17 433	**115 799**
D. Forest industries											
1970	x	x	6 555	12 779	78 041	71 125	3 454	x	7 221	73 999	**261 139**
1971	x	x	6 393	12 639	74 621	68 827	3 664	x	7 216	78 343	**258 839**
1972	x	x	6 381	12 739	77 552	70 961	3 846	x	8 179	83 599	**271 010**
1973	x	x	6 759	14 095	81 709	75 036	4 688	x	9 114	92 235	**292 324**
1974	x	x	7 118	14 891	86 253	77 584	x	x	9 852	87 350	**297 386**
1975	x	x	7 111	13 870	85 942	72 490	5 010	x	8 963	76 380	**278 681**
1976	x	87	6 687	14 234	84 297	73 211	4 813	x	9 638	85 203	**286 263**
1977	x	110	6 437	13 158	80 812	72 045	4 491	x	9 334	88 761	**282 568**
1978	x	194	6 945	14 008	84 827	76 720	4 735	x	9 850	94 778	**299 540**
1979	x	x	6 504	14 860	87 180	78 758	x	x	10 693	96 841	**307 580**
1980	x	x	6 226	14 446	84 344	78 787	4 928	x	10 038	95 518	**301 987**
1981	x	133	6 172	x	84 244	77 354	5 097	x	10 384	86 848	**291 996**
1982	x	124	x	11 823	74 017	67 687	4 342	x	8 828	75 138	**254 875**
1983	x	148	5 946	12 704	78 077	68 389	4 315	x	8 403	77 688	**262 240**
1984	x	230	6 104	13 783	80 439	72 045	4 264	x	8 473	78 184	**269 913**

[a]Census of manufactures.
[b]Including Yukon and Northwest Territories.

Source: Statistics Canada Cat. No. 25-202.

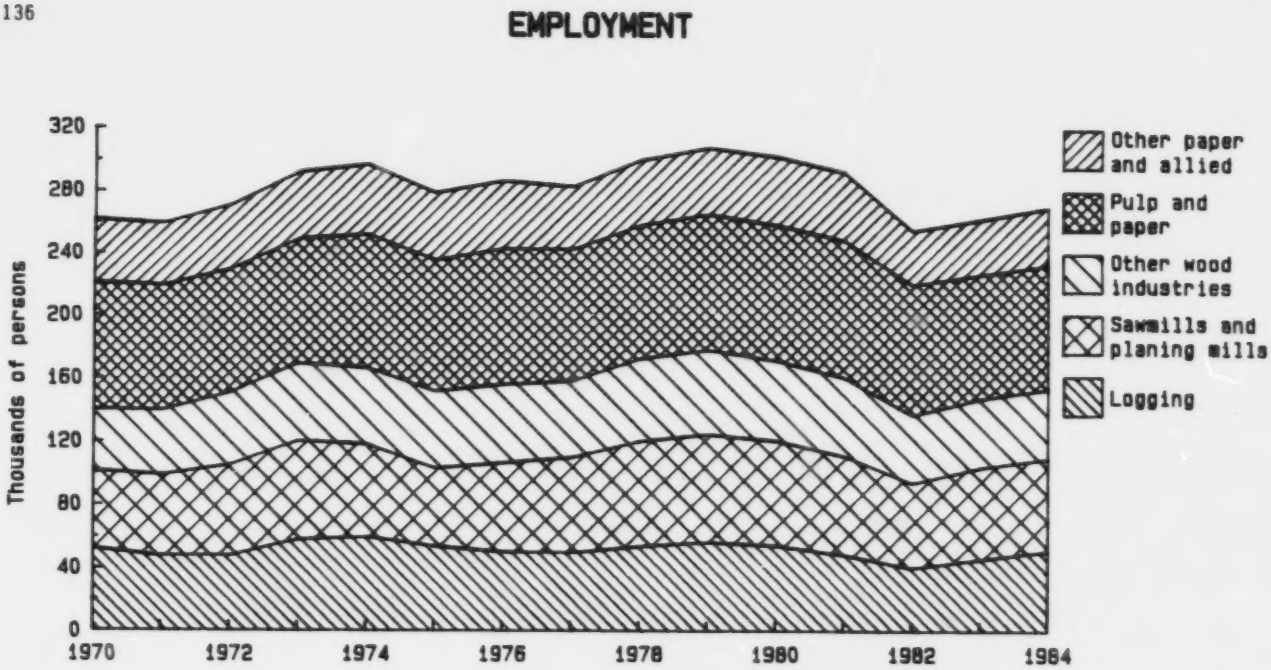

Figure 25. Employment in the forest industries by sector, 1970-1984.

Source: Statistics Canada, Census of manufactures, Cat. No. 25-202.

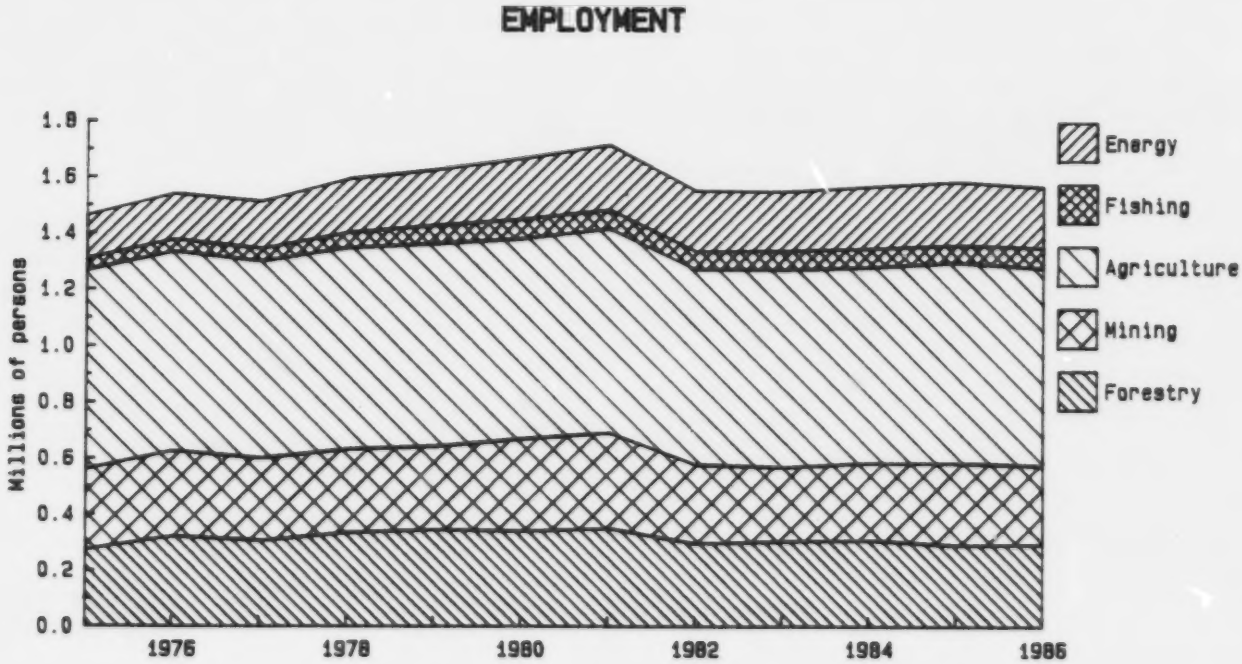

Figure 26. Employment by industry sector, 1975-1986.

Source: Statistics Canada, Cat. No. 71-201 and Labour Force Survey.

SECTION VI

SELLING PRICE INDEXES

The Industrial Product Price Indexes measure price changes for major commodities sold by Canadian manufacturers. Elemental Indexes are calculated for 1314 Principal Commodity Group outputs as defined in the 1981 Input/Output (I/O) table. Weights used to aggregate commodity indexes are taken from the output or "Make" matrix of the I/O system which provides an integrated set of commodity values for all manufacturing industries.

About 10 000 prices are collected monthly from about 3 000 producers for goods sold which are valued at the boundary of the establishment, so that the cost of taxes collected at that point and transportation provided by public carriers beyond that point are excluded. Prices are reported in great detail for some transactions, enabling both the goods and the terms of sale to be identified. Such collections are instituted for important commodities. The sample size is increased where price movement has a regional aspect or where there are large flows of goods to export markets.

Sampling for the direct survey of an elemental indicator is usually done by a formal probability sampling procedure, wherein important producers are "must take" respondents and a random selection is made of the smaller producers. Such samples are redesigned according to a regular cycle as dictated by changes in the market. A given elemental indicator is usually supported by 12 to 15 price quotes, although some are derived from as few as 8 quotes or as many as 30 quotes.

The 1981 = 100 Industry aggregation of elemental commodities can be directly related to the 1971 = 100 Industry Selling Price Indexes which are available from 1956 to 1985. Link factors, derived from the relationship of the two series in December 1985, were published in the January issue of Catalogue 62-011.

VI - 1. SELECTED FOREST INDUSTRY SELLING PRICE INDEXES, 1956-1986
(1971 = 100)

	Wood industries				Paper and allied industries		
Year	Sawmills and planing mills	Shingle mills	Veneer and plywood mills	Total	Pulp and paper mills	Total	All manufacturing industries
1956	77.1	55.2	84.7	**71.8**	84.1	**82.7**	79.4
1960	73.2	50.4	74.2	**70.0**	85.7	**84.6**	82.2
1965	79.7	66.4	80.1	**76.8**	91.1	**89.0**	86.2
1970	86.7	81.9	90.0	**89.6**	100.5	**99.8**	98.1
1971	100.0	100.0	100.0	**100.0**	100.0	**100.0**	100.0
1972	126.6	139.9	119.9	**122.2**	100.5	**100.9**	104.4
1973	162.1	162.9	137.9	**151.9**	113.3	**112.1**	116.1
1974	147.4	141.6	154.2	**149.1**	157.1	**151.6**	138.1
1975	145.9	175.2	159.2	**151.3**	189.1	**178.4**	153.7
1976	163.8	223.8	169.5	**167.9**	191.7	**182.8**	161.6
1977	190.7	270.5	175.2	**188.7**	204.6	**193.5**	174.3
1978	231.9	312.5	220.6	**225.3**	216.4	**204.2**	190.4
1979	274.7	309.2	242.2	**260.8**	258.2	**239.6**	217.9
1980	243.3	300.3	237.9	**244.6**	300.1	**277.2**	247.2
1981	229.8	300.6	266.4	**245.4**	329.5	**306.1**	272.4
1982	220.2	290.1	239.5	**238.6**	336.1	**317.3**	288.8
1983	252.2	342.2	256.3	**264.8**	317.5	**307.3**	298.8
1984	242.0	355.3	248.0	**260.4**	358.9	**340.3**	310.9
1985	248.7	312.1	255.6	**266.6**	363.1	**347.1**	319.2
1986	271.8	296.1	299.7	**288.9**	380.4	**361.6**	322.2

Source: Statistics Canada Cat. No. 62-011.

VI - 2. SELLING PRICE INDEXES - SELECTED WOOD, PULP AND PAPER PRODUCTS, 1956-1986
(1971 = 100)

	Wood products								Wood pulp		Paper products				
	Softwood lumber				Hardwood lumber	Plywood									
Year	Spruce	Hem-lock	White pine	Douglas-fir	Yellow birch	Douglas-fir	Spruce and pine	Particle-board sanded	Sulphite paper grades bleached for export	Sulphate paper grades bleached for export	Newsprint white in rolls for export	Book and printing paper	Fine papers	Wrapping and packaging	Paperboard
1956	86.6	80.5	72.8	74.6	85.2	81.5	..	..	92.2	88.6	...	71.2	72.7	80.6	97.0
1960	82.2	76.4	77.1	68.4	88.8	66.3	..	..	87.6	87.8	...	78.3	80.1	86.0	97.0
1965	82.6	80.2	78.4	77.0	94.0	76.1	..	..	92.4	94.2	92.1	82.9	84.8	87.2	97.3
1970	79.8	88.5	95.1	83.2	102.7	88.0	82.3	..	103.2	101.5	100.8	97.1	97.9	99.9	100.1
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	136.0	126.6	114.2	120.1	109.5	121.1	127.8	..	97.1	93.4	102.8	103.4	102.5	98.8	103.2
1973	167.8	173.7	151.3	160.5	136.1	139.0	137.1	..	120.6	117.5	109.4	119.6	116.9	108.5	114.0
1974	133.9	161.7	164.4	147.3	153.6	153.8	138.3	..	191.8	187.7	136.7	154.2	152.4	144.6	141.9
1975	131.8	158.8	146.9	145.6	148.5	161.0	150.2	..	235.9	238.9	172.2	163.9	162.5	163.0	153.4
1976	159.5	173.5	152.6	168.7	155.4	173.8	167.2	149.0	218.8	230.6	177.6	164.8	161.6	155.7	162.5
1977	188.8	204.0	165.8	204.5	167.4	177.5	170.1	171.3	220.8	233.1	210.4	173.6	165.0	155.4	166.7
1978	242.9	239.2	200.5	243.4	187.0	228.8	212.6	215.9	210.2	213.1	236.4	190.5	173.6	164.5	171.7
1979	275.9	315.3	239.4	303.2	224.8	244.5	222.6	192.2	279.4	278.9	268.0	221.2	197.7	193.4	200.2
1980	219.4	289.1	250.1	249.3	218.6	240.3	219.8	234.1	342.1	341.0	300.2	245.9	219.0	225.8	238.5
1981	208.2	251.5	240.4	233.4	208.3	271.0	257.8	280.9	356.3	358.9	342.7	273.7	242.1	247.9	272.4
1982	188.7	247.1	237.2	209.3	200.4	244.2	201.8	284.9	341.1	339.4	358.9	286.4	256.4	263.2	279.4
1983	246.4	269.1	249.0	241.3	209.1	255.0	244.1	278.4	303.7	293.9	337.6	291.6	257.6	267.3	286.6
1984	226.7	254.9	295.9	229.3	230.7	242.2	218.8	271.5	367.1	370.4	375.1	307.6	277.5	274.3	286.6
1985	234.8	279.7	305.7	228.9	233.1	253.7	235.9	273.4	318.4	322.3	411.3	311.2	279.7	280.2	323.5
1986	270.5	309.7	289.2	240.2	...	309.4	...	...	363.7	362.6	421.6	313.5	287.9	...	329.1

Source: Statistics Canada Cat. No. 62-011.

SECTION VII

FINANCIAL STATISTICS AND ECONOMIC INDICATORS

- Capital and repair expenditures
- Contribution to Canadian Gross Domestic Product
- Corporate profits and profitability
- Economic indicators
- Income taxes

Gross Domestic Product

From now on, the gross domestic product (GDP) will replace the gross national product (GNP) in table VII-6 as a measure of the Canadian collective income. This change is in accordance with the System of National Accounts of Statistics Canada and with the international practice recommended by the United Nations.

According to Statistics Canada, the GDP allows for a better analysis of the economic performance of the country as it measures the production originating in the country, whereas the GNP is adjusted for the flow of interests and incomes crossing the national border. Also, the GDP allows for a better comparison with the provinces and industries; provincial totals will now be additive to the national total and the GDP can be split by productive sector.

Statistics Canada's change of approach results in an upward revision of the aggregate estimations. New surveys and information sources have allowed re-examination of the data from 1961 until 1985. The major sources of change are: day care fees, unrecorded income in construction, indirect taxes and investment income of municipalities, and residential repairs.

More details are available from Statistics Canada, catalogue 13-001, first quarter 1986.

VII - 1. CORPORATE PROFITS AND PROFITABILITY* - FOREST INDUSTRIES, 1970-1984

Year	Wood industries			Paper and allied industries			Manufacturing industries		
	Before tax	After tax	Profitability	Before tax	After tax	Profitability	Before tax	After tax	Profitability
	$000 000		%	$000 000		%	$000 000		%
1970	-13	-22	-0.6	229	155	3.7	2 899	1 662	5.5
1971	51	10	1.8	111	64	2.2	3 679	2 179	6.7
1972	189	90	6.0	139	65	2.4	4 361	2 590	7.5
1973	480	284	15.7	799	573	10.1	6 607	4 142	10.6
1974	188	94	6.2	1 337	852	12.2	8 697	5 272	11.6
1975	60	9	1.5	826	574	7.8	7 652	4 564	9.1
1976	206	94	5.1	573	343	5.4	7 367	4 542	8.5
1977	402	232	9.7	582	308	4.5	7 397	4 561	6.8
1978	750	474	15.7	1 191	817	8.9	10 085	6 492	9.7
1979	874	546	15.6	1 621	905	8.9	14 213	9 064	11.6
1980	380	242	6.4	2 465	1 604	13.0	15 109	9 498	10.6
1981	69	36	1.7	2 096	1 536	10.3	14 396	9 076	8.8
1982	-277	-190	-3.2	-39	28	1.4	4 910	2 843	3.4
1983	220	167	4.9	-25	32	1.1	8 796	5 715	5.7
1984	165	132	4.1	920	722	4.9	15 584	10 610	0.9

*Profitability was obtained by dividing after-tax profits plus interest on long-term debt by capital employed.

Source: Statistics Canada Cat. No. 61-207.

VII - 2. CORPORATE INCOME TAXES PAID BY FOREST INDUSTRIES, 1970-1985

Year	Forestry services and logging			Wood industries			Paper and allied industries			Total		
	Federal	Provincial	Total	Federal	Provincial	Total	Federal	Provincial	Total	Federal	Provincial	Total
							$000 000					
1970	4.4	1.5	5.9	12.3	4.3	16.6	57.9	15.8	73.7	74.6	21.6	96.2
1971	4.3	1.7	6.0	21.3	6.8	28.1	45.1	12.7	57.8	70.7	21.2	91.9
1972	7.7	2.7	10.4	51.9	15.9	67.8	51.9	17.4	69.3	111.5	36.0	147.5
1973	14.4	5.0	19.4	94.1	35.0	129.1	107.0	39.8	146.8	215.5	79.8	295.3
1974	11.8	4.2	16.0	48.2	19.5	67.7	219.4	85.6	305.0	279.4	109.3	388.7
1975	7.0	2.9	9.9	38.6	16.2	54.8	108.8	44.3	153.1	154.4	63.4	217.8
1976	7.9	5.0	12.9	58.6	28.5	87.1	96.8	45.3	142.1	163.3	78.8	242.1
1977	10.5	7.1	17.6	79.5	38.5	118.0	97.1	45.8	142.9	187.1	91.4	278.5
1978	10.7	7.7	18.4	127.0	68.0	195.0	156.3	80.4	236.7	294.0	156.1	450.1
1979	24.4	14.9	39.3	161.6	86.8	248.4	298.7	160.6	459.3	484.7	262.3	747.0
1980	32.2	17.9	50.1	67.9	39.3	107.2	331.4	176.4	507.8	431.5	233.6	665.1
1981	13.2	9.0	22.2	45.5	25.4	70.9	201.9	110.9	312.8	260.6	145.3	405.9
1982	10.1	5.8	15.9	27.3	11.9	39.2	73.1	41.2	114.3	110.5	58.9	169.4
1983	12.3	7.1	19.4	45.3	20.1	65.4	60.5	34.9	95.4	118.1	62.1	180.2
1984	15.9	8.9	24.8	36.9	20.9	57.8	82.5	70.2	152.7	135.3	100.0	235.3
1985p	14.7	8.7	23.4	42.7	25.4	68.1	77.3	71.9	149.2	134.7	106.0	240.7

Source: Statistics Canada Cat. No. 61-208 and 61-208P.

VII - 3. PROVINCIAL ALLOCATION OF TAXABLE INCOME BY FOREST INDUSTRY SECTOR AND PROVINCE, 1970-1985

Sector/ year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Other[a]	Canada
							$000						
A. Forestry services and logging													
1970	x	-	195	344	866	832	x	x	x	18 603	-	x	21 454
1971	206	-	177	528	1 763	954	66	-	528	16 399	-	x	20 670
1972	132	-	303	712	x	2 577	25	x	415	23 963	x	-	29 690
1973	189	-	861	612	1 871	4 645	x	x	495	43 378	x	x	52 169
1974	271	-	1 674	741	2 234	4 172	x	x	x	32 290	-	x	42 160
1975	108	-	545	834	x	2 105	x	224	x	22 015	x	-	28 942
1976	219	-	501	872	2 973	2 753	x	332	1 474	34 246	x	-	43 436
1977	109	-	x	902	2 628	3 429	29	325	1 597	45 937	x	x	56 817
1978	140	-	1 622	1 280	x	5 573	77	372	1 478	50 102	x	x	65 406
1979	305	-	2 637	1 607	11 299	7 589	x	x	2 451	99 676	x	x	126 210
1980	434	-	3 512	1 963	12 282	11 374	19 549	x	2 798	114 621	x	x	147 949
1981	791	x	2 713	2 197	11 658	8 525	x	908	x	54 577	x	197	84 185
1982	615	x	1 180	1 972	14 304	9 983	x	752	x	42 751	118	x	74 519
1983	570	x	1 101	x	17 516	11 600	471	938	x	59 001	x	x	98 483
1984	563	x	3 560	5 538	28 982	18 196	520	x	4 775	64 340	113	x	127 827
1985p	1 098	x	2 394	6 161	36 628	17 239	x	x	x	63 114	x	x	133 008
B. Wood industries													
1970	x	x	835	722	10 746	10 789	599	361	4 089	11 323	-	-	39 326
1971	51	x	996	646	14 473	13 273	457	1 773	5 114	32 558	-	-	69 343
1972	73	x	1 775	1 081	32 502	22 433	627	4 851	15 921	82 103	x	-	162 635
1973	149	x	3 124	6 996	64 166	39 709	1 561	6 640	14 949	201 771	x	-	339 351
1974	x	31	4 219	6 879	40 992	37 986	1 455	2 210	8 552	80 340	x	-	182 922
1975	x	421	3 672	4 442	29 039	32 336	2 085	4 612	10 903	62 144	-	x	150 364
1976	x	x	4 959	1 918	37 071	35 027	3 192	2 980	17 526	142 174	-	-	245 446
1977	x	120	4 171	2 519	57 050	35 196	3 559	4 678	14 638	206 250	-	x	332 455
1978	x	128	3 879	4 234	65 469	52 091	3 981	10 233	23 071	391 233	-	x	554 759
1979	x	179	6 014	8 177	107 581	79 470	3 869	8 082	33 625	449 784	-	490	697 696
1980	253	116	x	3 647	62 435	57 150	2 856	3 399	15 243	170 238	x	201	318 650
1981	265	93	1 909	2 781	44 300	58 474	3 683	2 807	12 833	80 440	-	50	207 635
1982	250	78	2 004	2 425	38 132	46 399	3 130	1 522	8 671	30 931	-	x	133 575
1983	296	303	3 382	x	83 914	58 587	6 653	6 237	6 909	64 391	-	277	236 027
1984	357	276	5 095	10 136	105 775	65 467	6 775	5 979	8 195	56 870	x	x	265 182
1985p	458	220	4 986	8 806	117 535	73 533	6 444	6 797	11 595	80 359	x	x	310 842

VII - 3. PROVINCIAL ALLOCATION OF TAXABLE INCOME BY FOREST INDUSTRY SECTOR AND PROVINCE, 1970-1985 (CONCLUDED)

Sector/ year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Other[a]	Canada
							$000						
C. Paper and allied industries													
1970	94	-	3 803	2 438	25 414	58 362	4 696	239	8 316	42 877	-	40	146 279
1971	63	x	2 961	1 175	27 767	40 439	3 142	411	6 581	41 345	-	x	124 160
1972	125	-	3 022	1 081	38 277	46 339	2 455	457	5 438	53 904	-	407	151 505
1973	404	244	5 684	11 515	78 749	112 882	5 083	865	15 904	127 537	-	1 662	360 529
1974	19 466	x	11 700	32 087	278 793	261 061	10 402	1 746	35 206	92 699	-	1 046	744 411
1975	14 706	x	35 107	16 689	154 556	107 563	3 578	639	32 969	20 936	x	x	387 940
1976	365	-	26 872	3 216	107 528	70 511	1 904	4 221	34 611	125 506	x	x	375 114
1977	10 010	-	34 381	x	119 398	81 251	3 939	3 058	27 012	105 022	-	x	392 895
1978	35 689	35	34 085	6 379	252 538	151 874	2 620	972	18 892	140 532	-	x	644 059
1979	48 669	x	63 381	17 075	439 221	284 771	4 612	1 965	39 133	391 886	x	245	1 291 115
1980	55 351	x	100 660	40 659	486 492	409 936	9 395	34 455	54 367	184 971	-	x	1 378 262
1981	51 926	x	67 579	21 207	207 481	365 371	8 815	5 789	39 790	64 293	-	x	837 138
1982	2 351	-	29 912	4 868	139 634	108 902	6 685	x	33 316	10 054	-	x	336 571
1983	1 992	-	10 937	7 243	112 398	174 776	7 671	775	21 222	9 989	-	-	347 003
1984	12 533	x	35 143	20 477	260 302	275 447	10 652	x	43 878	20 136	-	x	680 540
1985p	22 783	x	15 883	9 795	279 029	333 357	13 172	x	19 981	14 746	-	x	710 496
D. Forest industries													
1970	94	x	4 793	3 504	37 026	69 983	5 095	600	12 405	72 803	-	40	206 343
1971	320	x	4 134	2 349	44 003	54 666	3 665	2 184	12 223	90 302	-	x	214 173
1972	330	x	3 159	2 874	70 779	71 349	3 105	5 308	21 854	159 970	x	407	343 830
1973	742	244	9 669	19 123	144 786	157 236	6 644	7 505	30 853	372 686	x	1 662	752 049
1974	19 737	31	17 593	39 707	322 019	303 219	11 857	3 956	43 758	205 329	x	1 046	969 493
1975	14 814	421	39 324	21 965	183 596	142 004	5 663	5 475	43 872	105 095	x	x	566 846
1976	580	x	32 332	6 006	147 572	108 291	5 096	7 533	53 611	301 926	x	x	663 996
1977	10 119	120	38 552	3 421	179 076	119 876	7 527	8 061	43 247	357 209	x	x	782 167
1978	35 829	163	39 586	11 893	318 007	209 538	6 678	11 577	43 441	581 867	x	x	1 264 224
1979	48 974	179	72 032	26 859	558 101	371 830	8 481	10 047	75 209	941 346	x	735	2 115 021
1980	56 038	116	104 172	46 269	561 209	478 460	31 800	37 854	72 408	469 830	x	50	1 844 861
1981	52 982	93	72 201	26 185	263 439	432 370	44 298	9 504	52 623	199 310	x	197	1 128 958
1982	3 216	78	33 096	9 265	192 070	165 284	9 815	2 274	41 987	83 736	118	x	544 665
1983	2 858	303	15 420	7 243	213 828	244 963	14 795	7 950	28 131	133 381	x	277	681 493
1984	13 453	276	43 798	36 151	395 059	359 110	17 947	5 979	56 848	141 346	113	x	1 073 549
1985p	24 339	220	23 263	24 762	433 192	424 129	19 616	6 797	31 536	158 219	x	x	1 153 346

[a]Other: Including other jurisdictions.

Source: Statistics Canada Cat. No. 61-208 and 61-208P.

VII - 4. CAPITAL AND REPAIR EXPENDITURES BY FOREST INDUSTRIES, 1950-1987

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Total
			$000 000			
A. Logging industry						
1960	23.8	16.3	48.1	10.4	3.8	102.4
1970	28.5	26.5	103.3	10.7	3.5	172.5
1971	27.2	26.7	109.3	11.3	7.1	181.8
1972	28.9	31.5	134.2	13.3	8.6	216.0
1973	41.7	46.0	175.2	27.9	11.2	302.0
1974	71.3	58.6	215.2	30.2	16.1	391.4
1975	74.7	59.7	179.7	23.3	21.7	359.1
1976	57.9	54.7	231.2	22.5	15.7	382.0
1977	56.6	73.5	265.3	22.6	21.5	439.5
1978	66.4	80.0	307.5	22.3	26.3	502.5
1979	94.5	97.3	343.0	26.0	28.3	589.1
1980	107.0	126.4	401.0	33.9	40.7	709.0
1981	106.2	139.1	294.9	36.4	41.0	617.6
1982	68.8	81.6	205.9	21.3	25.3	402.9
1983	67.3	97.8	274.9	17.1	15.8	472.9
1984	74.9	120.4	307.8	19.5	18.7	541.3
1985	68.7	123.2	283.4	33.3	20.3	528.9
1986 p	59.0	107.6	266.6	31.7	16.1	481.0
1987 forecast	69.6	112.2	322.9	38.7	19.6	563.0
B. Wood industries						
1950	..	10.1	28.1	..	..	54.2
1960	10.5	11.9	46.4	3.1	3.7	75.6
1970	25.8	30.3	139.9	9.4	18.9	224.3
1971	26.8	25.3	158.8	7.0	26.1	244.0
1972	46.2	39.8	167.7	9.6	24.4	287.7
1973	70.6	63.2	235.4	21.3	26.3	416.8
1974	83.3	92.2	212.2	25.3	31.1	444.1
1975	76.1	80.5	183.3	26.3	42.6	408.9
1976	67.9	58.6	225.0	28.7	64.9	445.1
1977	66.8	59.0	286.7	18.5	34.9	466.0
1978	66.5	69.8	390.8	26.2	37.5	590.9
1979	89.4	80.3	466.0	19.4	61.4	716.5
1980	108.6	104.7	508.1	21.6	53.1	796.1
1981	87.7	101.7	469.5	14.2	71.4	744.5
1982	150.6	80.0	295.0	9.7	51.1	586.4
1983	120.0	85.8	329.4	13.8	71.8	620.8
1984	115.2	105.8	403.3	23.7	52.7	700.7
1985	151.0	94.2	402.3	15.9	60.5	723.9
1986 p	127.6	101.0	420.0	14.8	126.8	790.0
1987 forecast	119.5	100.7	614.2	21.8	97.1	953.0

VII - 4. CAPITAL AND REPAIR EXPENDITURES BY FOREST INDUSTRIES, 1950-1987 (CONCLUDED)

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Total
			$000 000			
C. Paper and allied industries						
1950	45.1	44.3	33.0	..[a]	15.8	138.2
1960	95.2	64.9	56.3	47.7	5.2	269.4
1970	152.1	162.5	192.7	191.0	60.1	758.4
1971	122.8	160.2	261.5	194.4	42.6	781.5
1972	171.4	132.7	226.1	108.9	69.3	708.4
1973	263.3	162.1	154.5	56.5	76.4	712.8
1974	348.7	251.6	230.3	93.2	44.1	967.9
1975	308.8	282.6	199.4	110.5	53.4	954.7
1976	336.2	392.4	264.4	123.8	70.0	1 186.8
1977	371.7	385.2	316.6	145.6	70.3	1 289.4
1978	390.7	289.3	339.0	157.2	84.3	1 260.5
1979	434.4	404.8	391.2	234.6	85.9	1 550.9
1980	580.7	530.7	692.5	265.9	82.4	2 152.2
1981	724.6	898.7	964.9	385.1	112.3	3 085.6
1982	724.0	810.0	674.6	479.0	88.9	2 776.5
1983	651.5	493.3	305.7	349.2	89.1	1 888.8
1984	752.7	608.7	454.3	274.6	105.2	2 195.5
1985	994.8	908.8	534.1	566.3	166.4	3 170.4
1986 p	1 403.6	654.9	456.3	438.1	114.4	3 067.3
1987 forecast	1 444.0	731.7	764.4	414.2	289.9	3 644.2
D. Forest industries						
1960	129.5	93.1	150.8	61.2	12.7	447.3
1970	209.1	219.3	435.9	211.1	82.5	1 155.2
1971	176.8	212.2	529.6	212.7	75.8	1 207.3
1972	246.5	204.0	528.0	131.8	102.3	1 212.1
1973	375.6	271.3	565.1	105.5	113.9	1 431.6
1974	503.3	402.4	657.7	148.7	91.3	1 803.4
1975	459.6	422.8	562.4	160.1	117.7	1 722.6
1976	462.0	505.7	720.6	175.0	150.6	2 013.9
1977	495.1	517.7	868.6	186.7	126.7	2 194.8
1978	523.6	439.1	1 037.3	205.7	148.1	2 353.8
1979	618.3	582.4	1 200.2	280.0	175.6	2 856.5
1980	796.3	761.8	1 601.6	321.4	176.2	3 657.3
1981	918.5	1 139.5	1 729.3	435.7	224.7	4 447.7
1982	943.4	971.6	1 175.5	510.0	165.3	3 765.8
1983	838.8	676.9	910.0	380.1	176.7	2 982.5
1984	942.8	834.9	1 165.4	317.8	176.6	3 437.5
1985	1 214.5	1 126.2	1 219.8	615.5	247.2	4 423.2
1986 p	1 590.2	863.5	1 142.9	484.6	257.3	4 338.5
1987 forecast	1 633.1	944.6	1 701.5	474.7	406.7	5 160.2

[a]Included in Prairie provinces.

Source: Statistics Canada Cat. No. 25-202 and 61-205.

VII - 5. GENERAL ECONOMIC INDICATORS BY QUARTER, 1982-1986

Year	Quarter	Real gross domestic product percent change (1981=100)	Consumer price index percent change (1981=100)	Unemployment rate (%)	Canadian dollar U.S. dollars	Merchandise trade ($000 000)	Prime rate (%)	Toronto Stock Exchange 300 (1975=1000)
1982	1	-1.4	2.5	8.9	0.8273	3 624	16.67	1 682.0
	2	-1.2	3.1	10.4	0.8037	4 345	17.42	1 479.6
	3	-0.6	2.1	12.2	0.8002	5 204	16.08	1 542.4
	4	-0.5	1.6	12.8	0.8121	4 649	13.08	1 856.8
1983	1	1.3	0.6	12.5	0.8148	4 473	11.67	2 092.6
	2	2.2	1.4	12.2	0.8123	5 069	11.00	2 402.8
	3	1.9	1.6	11.6	0.8112	4 070	11.00	2 486.8
	4	0.8	0.9	11.1	0.8075	4 035	11.00	2 484.8
1984	1	1.0	1.3	11.4	0.7966	4 444	11.17	2 423.6
	2	2.1	0.8	11.4	0.7737	5 187	12.00	2 258.0
	3	1.0	0.9	11.3	0.7611	5 348	13.17	2 307.2
	4	1.3	0.7	11.1	0.7585	5 747	11.92	2 374.0
1985	1	0.8	1.2	11.1	0.7391	5 487	11.42	2 600.9
	2	0.4	1.1	10.6	0.7303	4 479	10.58	2 694.7
	3	0.8	0.9	10.3	0.7353	3 494	10.33	2 743.6
	4	1.8	0.9	10.1	0.7250	4 014	10.00	2 810.9
1986	1	0.6	1.2	9.7	0.7124	2 463	12.00	2 915.4
	2	0.7	0.8	9.6	0.7224	2 703	10.58	3 095.5
	3	0.2	1.2	9.7	0.7219	2 201	9.75	2 980.9
	4	0.1	1.0	9.4	0.7222	2 766	9.75	3 050.6

Source: Statistics Canada Cat. No. 13-001, 13-004, and 13-007.

VII - 6. GENERAL ECONOMIC INDICATORS, 1970-1986

Year	G.D.P.[a] at market price		G.D.P. in constant (1981 dollar)		Implicit price index		Consumer price index		Unemployment rate	Canadian dollar in U.S. dollars	Merchandise trade	Prime rate	Conventional 5-year mortgage rate
	Value ($000 000)	Percent change	Value ($000 000)	Percent change	(1981=100)	Percent change	(1981=100)	Percent change	%		$000 000	%	%
1970	89 116	7.3	219 498	2.6	40.6	4.6	41.0	3.3	5.7	0.9579	3 052	8.17	10.45
1971	97 290	9.2	232 137	5.8	41.9	3.2	42.2	2.9	6.2	0.9903	2 563	6.48	9.43
1972	108 629	11.7	245 441	5.7	44.3	5.7	44.2	4.7	6.2	1.0096	1 857	6.00	9.21
1973	127 372	17.3	264 369	7.7	48.2	8.8	47.6	7.7	5.5	0.9999	2 735	7.65	9.59
1974	152 111	19.4	276 006	4.0	55.1	14.3	52.8	10.9	5.3	1.0225	1 689	10.75	11.24
1975	171 540	12.8	283 187	2.6	60.6	10.0	58.5	10.8	6.9	0.9830	-451	9.42	11.43
1976	197 924	15.4	300 638	6.1	65.8	8.6	62.9	7.5	7.1	1.0141	1 559	10.04	11.78
1977	217 879	10.1	311 504	3.6	69.9	6.2	67.9	7.9	8.1	0.9403	2 975	8.50	10.36
1978	241 604	10.9	325 751	4.6	74.2	6.1	73.9	8.8	8.3	0.8772	4 315	9.69	10.59
1979	276 096	14.3	338 362	3.9	81.6	10.0	80.7	9.2	7.4	0.8538	4 425	12.90	11.17
1980	309 891	12.2	343 384	1.5	90.3	10.7	88.9	10.2	7.5	0.8554	8 778	14.25	14.31
1981	355 994	14.9	355 994	3.7	100.0	10.7	100.0	12.5	7.5	0.8342	7 292	19.29	18.15
1982	374 750	5.3	344 082	-3.3	108.9	8.9	110.8	10.8	11.1	0.8108	17 822	15.81	17.89
1983	405 425	8.2	354 784	3.1	114.3	5.0	117.2	5.8	11.9	0.8114	17 647	11.17	13.30
1984	443 327	9.3	374 462	5.5	118.4	3.6	122.3	4.4	11.3	0.7722	20 726	12.06	13.61
1985	476 361	7.5	389 324	4.0	122.4	3.4	127.2	4.0	10.5	0.7323	17 474	10.58	12.18
1986	505 227	6.1	401 531	3.1	125.8	2.8	132.4	4.1	9.6	0.7197	10 133	10.52	11.22

[a]Gross domestic product.

Source: Statistics Canada Cat. No. 13-001, 62-010, 67-001, 71-001, and Bank of Canada Review.

VII - 7. FOREST INDUSTRIES DIRECT CONTRIBUTION TO CANADIAN GROSS DOMESTIC PRODUCT (G.D.P), 1970-1984

Year	G.D.P. at market price	Indirect taxes	Subsidies	G.D.P. at factor cost	Forestry services		Wood industries		Paper and allied industries		Total forest industries	
	$000 000				$000 000	%	$000 000	%	$000 000	%	$000 000	%
1970	86 648.1	12 054.9	755.9	75 349.1	-	-	-	-	-	-	-	-
1971	95 070.6	13 047.6	771.9	82 794.9	669.5	0.8	831.2	1.0	1 566.4	1.9	3 067.1	3.7
1972	106 517.0	14 759.9	883.9	92 641.1	767.7	0.8	1 162.0	1.3	1 707.6	1.9	3 637.3	3.9
1973	125 339.1	16 685.9	1 087.9	109 741.1	980.1	0.9	1 663.6	1.5	2 149.4	2.0	4 793.1	4.4
1974	150 406.7	20 876.0	2 619.1	126 911.6	1 111.8	0.9	1 480.5	1.2	3 406.8	2.7	5 999.1	4.7
1975	168 185.7	21 441.9	3 857.9	150 601.7	1 080.9	0.7	1 456.6	1.0	2 945.5	2.0	5 483.0	3.7
1976	194 902.0	24 864.0	3 344.0	173 382.0	1 339.8	0.8	1 936.0	1.1	3 436.3	2.0	6 712.1	3.9
1977	213 536.0	27 227.0	3 320.0	189 629.0	1 494.0	0.8	2 440.8	1.3	3 561.6	1.9	7 496.4	4.0
1978	238 219.0	29 090.0	3 527.0	212 656.0	1 681.0	0.8	3 010.2	1.4	4 027.1	1.9	8 718.3	4.1
1979	272 175.0	32 533.0	4 805.0	244 447.0	2 026.9	0.8	3 436.2	1.4	5 051.3	2.1	10 514.4	4.3
1980	306 651.0	36 085.0	7 352.0	277 918.0	2 133.1	0.8	3 019.5	1.1	5 934.7	2.1	11 087.3	4.0
1981	352 039.0	46 431.0	8 694.0	314 302.0	2 037.4	0.6	2 935.2	0.9	6 124.8	1.9	11 097.4	3.4
1982	370 105.0	48 582.0	8 226.0	329 749.8	1 824.2	0.6	2 333.1	0.7	5 316.3	1.6	9 473.6	2.9
1983	402 084.0	50 044.0	8 627.0	360 667.0	2 321.4	0.6	3 490.8	1.0	5 606.3	1.6	11 418.5	3.2
1984	436 870.0	55 102.0	10 952.0	392 720.0	2 416.9	0.6	3 405.2	0.9	6 495.0	1.7	12 317.1	3.1

Source: Statistics Canada Cat. No. 13-213 and 61-202.

VII - 8. FOREST INDUSTRIES DIRECT CONTRIBUTION TO CANADIAN GROSS DOMESTIC PRODUCT (G.D.P.) BY PROVINCE, 1984

Province	G.D.P. at market price	Indirect taxes	Subsidies	G.D.P. at factor cost	Forestry services		Wood industries		Paper and allied industries		**Total forest industries**	
	$000 000				$000 000	%	$000 000	%	$000 000	%	**$000 000**	**%**
Nfld.	5 995	676	133	5 452	52.8	1.0	8.1	0.1	x	x	x	x
P.E.I.	1 229	142	47	1 134	0.2	0.1	6.7	0.6	-	-	-	x
N.S.	10 444	1 402	440	9 482	39.9	0.4	48.4	0.5	186.1	2.0	**274.4**	**2.9**
N.B.	8 074	1 166	267	7 175	193.8	2.7	87.8	1.2	272.2	3.8	**553.8**	**7.7**
Altantic	25 742	3 386	887	23 243	286.7	1.2	151.0	0.6	x	x	x	x
Que	97 631	13 636	2 303	86 298	389.9	0.5	876.3	1.0	2 255.0	2.6	**3 521.2**	**4.1**
Ont.	167 741	22 710	2 046	147 077	442.6	0.3	657.6	0.4	2 070.0	1.4	**3 170.2**	**2.2**
Man.	16 636	2 010	431	15 057	19.9	0.1	52.9	0.4	90.2	0.6	**163.0**	**1.1**
Sask.	17 437	1 902	977	16 512	22.9	0.1	34.5	0.2	x	x	x	x
Alta.	60 007	4 808	3 328	58 527	34.1	0.6	199.8	0.3	198.0	0.3	**431.9**	**0.8**
Prairies	94 080	8 720	4 736	90 096	76.9	0.1	287.2	0.3	x	x	x	x
B.C.	49 974	6 562	936	44 348	1 220.8	2.8	1 433.1	3.2	1 248.3	2.8	**3 902.2**	**8.8**
Yukon and N.W.T.	1 702	88	44	1 658	-	-	-	-	-	-	-	-
Total	**436 870**	**55 102**	**10 952**	**392 720**	**2 416.9**	**0.6**	**3 405.2**	**0.9**	**6 495.0**	**1.7**	**12 317.1**	**3.1**

Source: Statistics Canada Cat. No. 13-213 and 61-202.

SECTION VIII

RELATED DATA

- Housing starts
- Transportation

VIII - 1. TRANSPORT STATISTICS BY FOREST PRODUCTS, 1984-1986

Forest products	Railways: Revenue freight loaded domestically onto railway cars in Canada			Trucking: For hire				Marine traffic							
	1984	1985	1986	Class 1-2	Class 3	Private	Total	Cargo tonnes loaded	Tonnes loaded (exports)	Tonnes unloaded (imports)	Total	Cargo tonnes loaded	Tonnes loaded (exports)	Tonnes unloaded (imports)	Total
						1984		1984				1985			
	1 000 t														
Primary wood products	12 026	12 069	12 007	9 881	7 036	4 001	20 918	12 724	4 453	88	17 265	14 319	3 615	283	18 217
Logs and bolts	1 452	1 263	1 417	4 009	..	1 343	..	8 912	2 413	63	11 388	10 255	1 837	203	12 296
Pulpwood	2 137	1 994	1 813	764	..	2 366	..	3 809	2 037	10	5 856	4 063	1 773	68	5 903
Wood chips	8 437	8 812	8 777	4 926	..	..	..	..	..	..	..	..	..	..	..
Other primary products	..	..	..	182	..	292	..	4	3	15	21	1	5	12	18
Wood-fabricated materials	9 595	10 071	9 768	6 172	463	2 831	9 466	614	5 319	97	6 030	673	5 524	196	6 392
Lumber	8 270	8 545	8 356	4 702	..	2 706	..	599	5 099	63	5 760	662	5 310	135	6 107
Other wood products	1 325	1 526	1 412	1 470	..	125	..	15	220	34	269	11	214	61	285
Wood pulp and paper products	12 089	12 437	12 934	2 969	99	483	3 551	947	6 651	249	7 847	1 003	7 059	286	8 348
Wood pulp	5 499	5 766	6 220	174	..	-	..	488	3 397	55	3 941	567	3 754	81	4 402
Newsprint	5 124	5 174	5 183	2 248	..	281	..	402	2 782	--	3 184	394	2 774	14	3 182
Paperboard, pulpboard, fiberboard	1 466	1 497	1 531	547	..	202	..	56	473	193	722	43	531	191	764
Total forest products[a]	33 710	34 577	34 709	19 022	7 598	7 315	33 935	14 285	16 423	434	31 142	15 996	16 197	766	32 957
Total products	239 908	237 874	237 012	134 878	27 159	58 098	220 135	68 698	145 322	60 073	274 093	61 717	143 421	60 669	265 807
%	14.1	14.5	14.6	14.1	30.0	12.6	15.4	20.8	11.3	0.7	11.4	25.9	11.3	1.3	12.4

[a]Products transported in Canada in 1984 (1 000 t):

Primary wood products	50 209.
Wood-fabricated materials	25 091.
Wood pulp and paper products	23 487.
Total forest products	98 787.
Total products	737 136.

Source: Statistics Canada, Cat. No. 52-001, 53-222, 54-209 and 54-210.

VIII - 2. DWELLING UNITS[a] STARTED BY PROVINCE, 1950-1986

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	**Canada**
1950	2 090	333	2 705	2 323	7 451	28 515	33 430	4 072	2 904	8 623	15 599	7 536	**92 531**
1960	2 026	272	4 047	1 780	8 125	28 589	42 282	5 132	4 339	8 387	17 858	12 004	**108 858**
1970	2 636	784	5 878	3 182	12 480	47 118	76 675	8 945	1 743	16 251	26 939	27 316	**190 528**
1971	3 658	1 363	7 308	4 930	17 259	51 782	89 980	10 705	3 560	25 602	39 867	34 765	**233 653**
1972	3 901	1 079	5 164	6 358	16 502	55 746	102 933	12 068	4 845	22 503	39 416	35 317	**249 914**
1973	4 831	2 122	7 734	7 235	21 922	59 550	110 536	11 531	6 386	20 977	38 894	37 627	**268 529**
1974	4 911	1 334	6 008	5 861	18 114	51 642	85 503	8 752	7 684	19 008	35 444	31 420	**222 123**
1975	5 342	847	6 366	6 983	19 538	54 741	79 968	7 845	10 505	24 707	43 057	34 152	**231 456**
1976	5 709	842	7 470	6 772	20 793	68 748	84 682	9 339	13 143	38 771	61 253	37 727	**273 203**
1977	3 719	824	7 495	4 308	16 346	57 580	79 130	9 410	12 825	38 075	60 310	32 358	**245 724**
1978	2 865	1 210	4 853	5 167	14 095	43 671	71 710	12 121	9 527	47 925	69 573	28 618	**227 667**
1979	2 999	1 068	4 538	5 021	13 626	41 730	56 887	5 772	11 742	39 947	57 461	27 345	**197 049**
1980	3 848	475	3 895	2 646	10 864	29 186	40 127	2 597	6 250	32 031	40 878	37 546	**158 601**
1981	3 210	203	3 715	2 188	9 316	29 645	50 161	2 824	5 972	38 470	47 266	41 585	**177 973**
1982	2 793	248	3 691	1 680	8 412	23 492	38 508	2 030	6 822	26 789	35 641	19 807	**125 860**
1983	3 281	673	5 697	4 742	14 393	40 318	54 939	5 985	7 269	17 134	30 388	22 607	**162 645**
1984	2 720	643	4 598	2 873	10 834	41 902	48 171	5 308	5 221	7 295	17 824	16 169	**134 900**
1985	2 854	788	6 923	4 142	14 707	48 031	64 871	6 557	5 354	8 337	20 248	17 969	**165 826**
1986	2 883	1 100	7 571	4 045	15 599	60 348	81 470	7 699	5 510	8 462	21 671	20 687	**199 775**

[a]Dwelling unit is defined as a structurally separate set of living premises with a private entrance (excluding mobile dwellings).

Source: Statistics Canada Cat. No. 64-002 and Canada Mortgage and Housing Corporation nation-wide survey.

VIII - 3. VALUE OF BUILDING CONSTRUCTION IN CANADA[a], 1961-1986

Year	Residential			Industrial	Commercial	Institutional	Other	Total
	New	Repair	Total					
					$000 000			
1960	1 456	457	1 913	452	738	615	333	4 051
1970	3 138	871	4 009	1 000	1 287	1 330	473	8 098
1971	4 025	951	4 976	1 023	1 405	1 456	507	9 367
1972	4 820	1 051	5 871	927	1 706	1 249	575	10 328
1973	5 977	1 188	7 165	1 162	2 211	1 200	666	12 404
1974	7 010	1 451	8 461	1 556	2 969	1 383	877	15 246
1975	7 114	1 576	8 690	1 537	3 732	1 561	1 089	16 609
1976	10 853	1 817	12 669	1 479	3 628	1 594	1 101	20 471
1977	11 065	2 061	13 126	1 758	3 639	1 662	1 123	21 308
1978	11 451	2 329	13 780	1 586	3 876	1 682	1 310	22 234
1979	11 618	2 649	14 267	2 096	5 098	1 831	1 414	24 706
1980	11 010	2 862	13 872	3 025	5 912	2 171	1 560	26 540
1981	13 135	3 229	16 365	3 611	6 989	2 593	1 979	31 537
1982	10 148	3 433	13 581	3 044	7 063	3 092	2 062	28 842
1983	12 994	3 857	16 851	2 450	6 482	3 065	1 905	30 753
1984	12 580	4 067	16 647	2 708	7 129	2 924	2 003	31 411
1985p	14 437	4 313	18 750	3 215	8 201	3 143	2 025	35 334
1986forecast	16 601	4 576	21 177	3 395	8 563	3 404	2 010	38 549

[a]Total value of construction work purchased by type of structure.

Source: Statistics Canada Cat. No. 64-201.

SECTION IX

WORLD FORESTRY

The world forestry figures were retrieved from the "1984 Yearbook of Forest Products." Publication of the Yearbook is made possible by the cooperation of various governments, which supplied most of the information in the form of replies to questionnaires. The Forestry Department of the Food and Agriculture Organization in collaboration with the Economic Commission for Europe compiled the results.

The time series published at the end of this section were compiled using the 1985 Yearbook data on tape released in April 1987.

The products are classified using the "United Nations Standard International Trade Classification (SITC) Revision 2."

IX - 1. WORLD FOREST RESOURCES - FOREST AREAS AND GROWING STOCKS BY REGION AND SPECIES GROUP

Continents and countries	Forest areas							Forest percent of land areas[a]	Growing stocks		
	Closed forest		Other wooded land		Total						
	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Total		Softwoods	Hardwoods	Total
	1 000 ha							%	1 000 000 m^3		
Total North America	287 792	171 564	220 245	54 875	508 037	226 439	**734 478**	37.9	28 500	11 400	**39 700**
Canada	204 255	59 845	145 910	26 390	350 165	86 235	**436 400**	43.7	15 500	4 100	**19 600**
United States	83 537	111 719	74 335	28 485	157 872	140 204	**298 078**	31.8	12 800	7 300	**20 100**
Central America and Mexico	25 038	47 230	-	348	25 038	47 578	**72 614**	26.9	1 900	3 600	**5 500**
South America	19 474	647 498	1 000	247 047	20 474	894 545	**915 019**	51.4	900	90 600	**91 500**
Africa	7 776	228 088	6 115	501 734	13 891	729 822	**743 713**	24.5	200	24 800	**25 000**
Europe, without USSR	88 413	48 592	9 576	12 321	97 989	60 913	**158 902**	30.5	8 000	4 000	**12 000**
USSR	593 700	197 900	86 200	50 800	679 900	248 700	**928 600**	41.5	65 300	20 600	**85 900**
Asia	86 552	275 270	15 688	90 722	102 238	365 992	**468 230**	18.5	6 000	32 000	**38 000**
Oceania	12 060	211 344	3 935	71 608	15 995	282 952	**298 947**	27.9	700	5 300	**6 000**
World	**1 120 805**	**1 827 486**	**342 757**	**1 029 455**	**1 463 562**	**2 856 941**	**4 320 503**	**32.3**	**111 300**	**192 300**	**303 600**

[a]Including water.

Source: Forest resources 1980, Food and Agriculture Organization of the United Nations 1985. Cibula, E.J. Trends in timber supply and trade-in information review 1980. Department of the Environment, London.

IX - 2. WORLD PRODUCTION OF ROUNDWOOD, 1984

Trade area	Industrial roundwood						Fuelwood and charcoal	Total roundwood
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods		
	1 000 m^3							
Total North America	**309 586**	**168 524**	**12 834**	**490 944**	**400 400**	**90 543**	**108 119**	**599 063**
Canada	111 269	42 174	1 565	154 808	145 275	9 533	6 197	161 005
United States	198 317	126 350	11 469	336 136	255 126	81 010	101 922	438 058
Central America	**7 327**	**2 870**	**886**	**11 083**	**7 841**	**3 242**	**45 512**	**56 595**
Mexico	4 339	2 760	162	7 261	6 539	722	13 501	20 762
South America	**47 278**	**27 469**	**7 063**	**81 810**	**32 907**	**48 903**	**214 777**	**296 587**
Brazil	31 744	20 900	5 026	57 670	23 402	34 268	164 507	222 177
Chile	4 537	3 889	553	8 979	7 960	1 019	5 992	14 971
Venezuela	610	-	26	636	-	636	686	1 322
Africa	**21 904**	**6 958**	**23 728**	**52 590**	**8 529**	**44 061**	**370 465**	**423 055**
Algeria	20	-	207	227	153	74	1 461	1 688
Morocco	68	241	262	571	99	472	1 146	1 717
Middle East - Africa	4 595	1 532	6 720	12 847	5 524	7 323	32 882	45 729
- Asia	211	-	1 864	2 075	88	1 987	36 838	38 913
Europe	**153 635**	**108 443**	**26 384**	**288 462**	**209 398**	**79 064**	**54 751**	**343 213**
Western Europe	115 358	87 299	10 166	212 823	160 549	52 273	39 126	251 949
Economic Community	41 275	21 499	4 957	67 731	43 259	24 472	22 154	89 885
Belgium-Luxembourg	1 625	668	255	2 548	1 731	817	538	3 086
Denmark	1 233	707	961	2 901	2 318	583	351	3 252
France	18 611	8 974	672	28 257	15 227	13 030	10 424	38 681
Germany, Fed. Rep.	13 690	8 008	1 280	22 978	17 669	5 309	3 800	26 778
Greece	407	142	219	768	390	378	1 915	2 683
Ireland	638	545	27	1 210	1 198	12	46	1 256
Italy	2 353	980	1 102	4 415	1 131	3 284	4 844	9 259
Netherlands	393	379	166	894	655	239	96	990
United Kingdom	2 385	1 100	275	3 760	2 940	820	140	3 900
Scandinavia	46 203	48 353	1 902	96 458	84 697	11 761	8 376	104 834
Finland	17 633	18 656	1 433	37 722	32 012	5 710	3 153	40 875
Norway	4 810	4 722	289	9 821	9 365	456	799	10 620
Sweden	23 760	24 975	180	48 915	43 320	5 595	4 424	53 339
Other Western Europe	19 692	15 723	2 078	37 493	27 850	9 643	4 646	42 139
USSR	150 900	37 500	86 900	275 300	244 300	31 000	80 300	355 600
Other Eastern Europe	46 465	22 868	17 447	86 780	53 592	33 188	19 575	106 355
Asia	**153 431**	**20 689**	**55 081**	**229 201**	**82 252**	**146 949**	**712 188**	**941 389**
China, People's Rep.	40 784	5 313	30 917	77 014	48 355	28 659	154 636	231 650
Hong Kong	-	-	-	-	-	-	180	180
India	14 791	1 208	4 274	20 273	2 231	18 042	221 812	242 085
Japan	20 396	10 383	1 454	32 233	21 071	11 162	586	32 819
Korea, Rep. of (South)	1 137	317	812	2 266	1 667	599	4 409	6 675
Southeast Asia	64 057	1 841	7 630	73 528	692	72 837	191 588	265 116
Oceania	**13 669**	**11 215**	**1 366**	**26 250**	**14 029**	**12 222**	**8 789**	**35 039**
Australia	7 358	7 322	722	15 412	5 378	10 034	2 874	18 286
New Zealand	4 583	3 665	636	8 884	8 516	368	50	8 934
World	**857 730**	**383 669**	**214 242**	**1 455 641**	**999 657**	**455 983**	**1 594 901**	**3 050 542**

Source: Food and Agriculture Organization of the United Nations. 1984 Yearbook of Forest Products.

IX - 3. WORLD PRODUCTION OF LUMBER, 1984

Trade area	Lumber			Railway ties	Total lumber and railway ties
	Softwoods	Hardwoods	Total		
	1 000 m^3				
Total North America	**121 587**	**15 958**	**137 545**	**210**	**137 755**
Canada	48 587	1 288	49 875	-	49 875
United States	73 000	14 670	87 670	210[a]	87 880
Central America	**2 111**	**805**	**2 917**	**263**	**3 181**
Mexico	1 451	45	1 496	215[a]	1 711
South America	**9 496**	**13 100**	**22 596**	**132**	**22 728**
Brazil	7 475[a]	8 377[a]	15 852[a]	-	15 852
Chile	1 710	288	1 998	3[a]	2 001
Venezuela	-	210[a]	210[a]	-	210
Africa	**1 918**	**7 087**	**9 005**	**330**	**9 335**
Algeria	8[a]	2[a]	10[a]	3[a]	13
Morocco	94[a]	55[a]	149[a]	-	149
Middle East - Africa	3 407	855	4 263	125[a]	4 388
- Asia	34	56[a]	90[a]	-	90
Europe	**68 986**	**17 733**	**86 719**	**1 282**	**88 001**
Western Europe	53 661	11 476	65 137	681	65 818
Economic Community	17 638	7 573	25 211	437[a]	25 648
Belgium-Luxembourg	440	250	690	52[a]	742
Denmark	400[a]	400	800	29[a]	829
France	5 667	3 485	5 152	209[a]	9 361
Germany, Fed. Rep.	8 321	1 602	9 923	93	10 016
Greece	191	130	321	--[a]	321
Ireland	285	5	290	-	290
Italy	1 003	1 179	2 182	52	2 234
Netherlands	153	182	335	--	335
United Kingdom	1 178	340	1 518	2[a]	1 520
Scandinavia	22 290	288	22 578	61[a]	22 639
Finland	8 146	86	8 232	33	8 265
Norway	2 350	12	2 362	2[a]	2 364
Sweden	11 794	190	11 984	26[a]	12 010
Other Western Europe	11 241	1 459	12 700	173	12 873
USSR	84 000[b]	12 000[b]	96 000[b]	-	96 000
Other Eastern Europe	17 817	8 413	26 230	611	26 841
Asia	**47 218**	**42 897**	**90 116**	**790**	**90 906**
China, People's Rep.	15 330	9 014	24 344	66	24 410
Hong Kong	-	248[a]	248[a]	-	248
India	1 480[a]	9 249[a]	10 729[a]	252[a]	10 981
Japan	23 293	5 305	28 598	69[a]	28 667
Korea, Rep. of (South)	2 510[a]	942[a]	3 452[a]	66[a]	3 518
Southeast Asia	59	15 984	16 043	181[a]	16 224
Oceania	**3 264**	**2 108**	**5 372**	**210**	**5 582**
Australia	1 144	1 881	3 025	196[a]	3 221
New Zealand	2 060	36	2 096	14[a]	2 110
World	**338 580**	**111 689**	**450 269**	**3 218**	**453 487**

[a]Unofficial figure.
[b]FAO estimate.

Note: Because production in Canada and the United States is based largely on nominal sizes, the actual wood volume is overstated by about one-third for these countries.

Source: Food and Agriculture Organization of the United Nations. 1984 Yearbook of Forest Products.

IX - 4. WORLD PRODUCTION OF PANEL PRODUCTS, 1984

Trade area	Plywood	Particle-board	Veneer sheets	Hardboard and building board	Rigid insulating board	Total panels
				1 000 m^3		
Total North America	**19 830**	**8 957**	**474**	**2 156**	**3 238**	**34 655**
Canada	1 846	2 034	474[a]	161	529	5 044
United States	17 984	6 923	-	1 995	2 709	29 611
Central America	**348**	**403**	**10**	**113**	**-**	**874**
Mexico	286	379	2	65	-	732
South America	**1 196**	**1 188**	**364**	**657**	**231**	**3 636**
Brazil	902[a]	660[a]	234[a]	527[a]	200[a]	2 523
Chile	20	114	9	40	-	183
Venezuela	47	78[a]	-	-	4[a]	129
Africa	**525**	**447**	**504**	**131**	**33**	**1 640**
Algeria	23[a]	24[a]	2[a]	-	-	50
Morocco	50[a]	30[a]	25[a]	-	-	105
Middle East - Africa	186	744	12	96	10	1 049
- Asia	10	36[a]	1	-	8[a]	54
Europe	**3 160**	**22 524**	**1 640**	**2 960**	**1 159**	**31 443**
Western Europe	2 361	17 846	1 306	1 748	714	23 975
Economic Community	1 377	11 914	847[a]	705	176	15 019
Belgium-Luxembourg	58	1 750	35	-	6	1 849
Denmark	30[a]	240	6[a]	--[a]	-	276
France	476	1 760	58[a]	143	52	2 489
Germany, Fed. Rep.	336	5 992	405	222	50[a]	7 005
Greece	97	270	12[a]	18[a]	-	397
Ireland	-	30	-	-	-	30
Italy	346	1 300	309	250	-	2 205
Netherlands	17	30	-	-	39	86
United Kingdom	17	542	22[a]	72	29	682
Scandinavia	669	1 899	31[a]	442	410	3 451
Finland	592	541	18[a]	103	111	1 365
Norway	11	380	-	66	163	620
Sweden	66	978	13[a]	273	136	1 466
Other Western Europe	174	3 274	183	413	128	4 172
USSR	2 385	6 860	476[a]	1 707[a]	1 506[a]	12 934
Other Eastern Europe	940	5 437	579	1 400	445	8 801
Asia	**16 366**	**2 303**	**1 153**	**1 125**	**333**	**21 279**
China, People's Rep.	1 634	120	7	627	-	2 388
Hong Kong	12[a]	-	-	-	-	12
India	180[a]	21[a]	4[a]	21[a]	2[a]	228
Japan	7 291[a]	1 221[a]	300[a]	257	305	9 374
Korea, Rep. of (South)	1 304	44[a]	-	9	-	1 357
Southeast Asia	5 668	35	819	98	16	6 636
Oceania	**150**	**785**	**51**	**200**	**44**	**1 231**
Australia	82	645	29[a]	90	12	858
New Zealand	55[a]	140[a]	4[a]	110	32	341
World	**43 960**	**43 466**	**4 673**	**9 049**	**6 544**	**107 693**

[a]FAO estimate.

Source: Food and Agriculture Organization of the United Nations. 1984 Yearbook of Forest Products.

IX - 5. WORLD PRODUCTION OF WOOD PULP, 1984

Trade area	Chemical	Semi-chemical	Mechanical	Dissolving	Total wood pulp
			1 000 t		
Total North America	**51 685**	**4 051**	**13 823**	**1 315**	**70 874**
Canada	11 099	331	8 800	221	20 451
United States	40 586	3 720	5 023	1 094	50 423
Central America	**413**	**-**	**67**	**4**	**484**
Mexico	413	-	65	4[a]	482
South America	**4 244**	**287**	**469**	**43**	**5 043**
Brazil	3 014	104	275[a]	40[a]	3 433
Chile	682	-	157	-	839
Venezuela	63[b]	-	4[b]	-	67
Africa	**652**	**129**	**170**	**406**	**1 357**
Algeria	-	-	-	-	-
Morocco	95	-	-	-	95
Middle East - Africa	211	3	152	11[a]	377
- Asia	-	-	-	-	-
Europe	**20 727**	**1 518**	**10 239**	**1 217**	**33 701**
Western Europe	17 960	1 241	9 657	893	29 751
Economic Community	2 385	436[a]	2 688[a]	201	5 710
Belgium-Luxembourg	225	-	120	-	345
Denmark	-	68	-	-	68
France	1 447	120	460	8	2 035
Germany, Fed. Rep.	583	77	1 399	163	2 222
Greece	-	-	15[a]	-	15
Ireland	-	-	-	-	-
Italy	130	72	474	30	706
Netherlands	-	-	146	-	146
United Kingdom	-	99[a]	74[a]	-	173
Scandinavia	11 846	622	6 238	430	19 136
Finland	4 568	301[a]	2 958	204	8 031
Norway	582	73	1 083	126	1 864
Sweden	6 696	248	2 197	100	9 241
Other Western Europe	3 226	61	602	179	4 068
USSR	6 670	366[a]	1 921[a]	846[a]	9 803
Other Eastern Europe	3 270	399	711	407	4 787
Asia	**8 689**	**620**	**2 359**	**438**	**12 107**
China, People's Rep.	1 000	-	355	-	1 355
Hong Kong	-	-	-	-	-
India	420	77	77	175	749
Japan	6 755	540	1 563	252	9 110
Korea, Rep. of (South)	121	-	137	-	258
Southeast Asia	123	-	40	-	163
Oceania	**876**	**229**	**876**	**-**	**1 981**
Australia	253	207	363	-	823
New Zealand	623[a]	22[a]	513[a]	-	1 158
World	**93 957**	**7 200**	**29 925**	**4 269**	**135 350**

[a]Unofficial figure
[b]FAO estimate.

Note: Canada produces about 15% of the world output of wood pulp.

Source: Food and Agriculture Organization of the United Nations. 1984 Yearbook of Forest Products.

IX - 6. WORLD PRODUCTION OF PAPER AND PAPERBOARD, 1984

Trade area	Newsprint	Printing and writing paper	Wrapping and packaging paper and board	Tissue and sanitary paper	Other paper and paperboard	Total
			1 000 t			
Total North America	**14 043**	**18 291**	**36 766**	**4 997**	**2 491**	**76 588**
Canada	9 014	1 943	2 865[a]	400[a]	-	14 222
United States	5 029	16 348	33 901[a]	4 597[a]	2 491	62 366
Central America	**199**	**511**	**1 290**	**319**	**98**	**2 417**
Mexico	199	461	1 198	273	60	2 191
South America	**493**	**1 563**	**3 166**	**536**	**495**	**6 253**
Brazil	109	1 075	1 911	271	402	3 768
Chile	170	61	111	27	6	375
Venezuela	-	113[b]	330[b]	103[b]	11	557
Africa	**590**	**434**	**1 170**	**119**	**151**	**2 464**
Algeria	-	30[a]	47[a]	-	-	77
Morocco	-	28	48[a]	-	17	93
Middle East - Africa	154	214	280[a]	31	124	803
- Asia	-	43	67[a]	-	15	125
Europe	**6 896**	**18 000**	**22 080**	**2 807**	**5 650**	**55 433**
Western Europe	6 544	17 105	20 157	2 572	3 566	49 944
Economic Community	1 736	10 222	10 986	1 711	1 806	26 461
Belgium-Luxembourg	110	438	22	10	332	912
Denmark	-	165	117[a]	14[a]	36	332
France	265	2 178	2 730[a]	231[a]	163	5 567
Germany, Fed. Rep.	721	3 779	3 447	615	597	9 159
Greece	15[a]	53[a]	83[a]	85[a]	41	277
Ireland	-	-	20[a]	-	-	20
Italy	207	2 005	2 004	176	330	4 722
Netherlands	182	580	922	149	52	1 885
United Kingdom	236	1 024	1 641	431	255	3 587
Scandinavia	4 225	4 602	5 841[a]	456[a]	626	15 750
Finland	1 878	2 970	2 009	161	300	7 318
Norway	840	298	355[a]	25[a]	44	1 562
Sweden	1 507	1 334	3 477[a]	270[a]	282	6 870
Other Western Europe	554	1 942	3 133	405	411	6 445
USSR	1 482[a]	1 249[a]	-	-	6 825	9 556
Other Eastern Europe	381	1 234	2 121[a]	235	2 806	6 777
Asia	**4 557**	**8 527**	**12 895**	**1 274**	**5 469**	**32 722**
China, People's Rep.	1 143	2 060	-	-	3 718	6 921
Hong Kong	-	-	35	1	-	36
India	350	820	800	10	-	1 980
Japan	2 553	4 551	10 099[a]	1 074	1 067	19 344
Korea, Rep. of (South)	220	475	1 262	85	165	2 207
Southeast Asia	83	247	349	73	263	1 015
Oceania	**656**	**260**	**663**	**166**	**505**	**2 250**
Australia	378	222	355	125	440	1 520
New Zealand	278[a]	38	308	41	65	730
World	**28 916**	**48 835**	**78 031**	**10 218**	**21 683**	**187 683**

[a]Unofficial figure
[b]FAO estimate.

Note: Canada produces 31.2% of the world's newsprint.

Source: Food and Agriculture Organization of the United Nations. 1984 Yearbook of Forest Products.

IX - 7. WORLD EXPORTS OF FOREST PRODUCTS, 1984

Trade area	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total	Total
				U.S.$000 000				
Total North America	1 642	3 762	4 141	585	4 502	3 809	6 390	17 261
Canada	268	3 232	3 306	349	3 019	3 695	4 577	11 519
United States	1 374	530	835	236	1 483	114	1 813	5 742
Central America	2	36	39	17	-	-	38	96
Mexico	--	4[a]	4	9	-	-	5	18
South America	37	94	316	189	596	44	466	1 604
Brazil	2	26	144	140	396	2	346	1 029
Chile	30	68	74	9	200	40	58	371
Venezuela	-	-	-	-	-	-	-	-
Africa	490	13	125	150	214	43	64	1 042
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	2	17	-	1	20
Middle East - Africa	18	25	26	20	-	-	40	104
- Asia	-	-	-	-	-	-	-	-
Europe	929	3 055	3 689	1 833	3 131	1 442	12 113	21 694
Western Europe	725	2 726	3 233	1 698	3 066	1 417	11 779	20 502
Economic Community	429	198	519	961	264	143	4 818	6 991
Belgium-Luxembourg	52	23	29	212	66	12	241	601
Denmark	28	18[a]	30	41	14	--[a]	121	233
France	165	13	140	194	92	3[a]	790	1 380
Germany, Fed. Rep.	136	108	186	304	67	68	1 772	2 465
Greece	--	--[a]	2	14	-	--	15	31
Ireland	6	6[a]	9	3	--	--[a]	16	35
Italy	2	13	29	111	23	19	560	725
Netherlands	19	14	80	32	--	30	723	854
United Kingdom	22	4	11	50	2	11	582	667
Scandinavia	147	1 954	1 964	410	2 240	1 254	5 818	10 579
Finland	81	715	719	287	684	587	2 873	4 642
Norway	18	57	57	19	208	223	486	787
Sweden	49	1 182	1 188	104	1 348	443	2 460	5 150
Other Western Europe	119	545	578	270	520	14	1 037	2 524
USSR	752	894[a]	915	198	383	145[a]	360	2 609
Other Eastern Europe	234	358	628	191	107	31	440	1 599
Asia	1 797	74	1 356	1 636	34	37	884	5 706
China, People's Rep.	15	15	36	287	12	-	65	415
Hong Kong	1	--	19	1	-	1	31	51
India	3	-	--	10	-	-	2	15
Japan	8	1	20	70	17	26	600	715
Korea, Rep. of (South)	-	24	26	118	-	--	53	197
Southeast Asia	1 673	2	1 171	1 130	5	6	88	4 068
Oceania	323	47	65	31	114	51	138	670
Australia	170	1	11	4	-	1	30	215
New Zealand	46	45[a]	45	20	114	50[a]	108	333
World	5 971	7 975	10 646	4 639	8 974	5 571	20 452	50 682

[a]FAO estimate.

Note: Canada accounts for 22.7% of total world exports of forest products.

Source: Food and Agriculture Organization of the United Nations. 1984 Yearbook of Forest Products.

IX - 8. WORLD IMPORTS OF FOREST PRODUCTS, 1984

Trade area	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: News-print	Paper and paperboard: Total	Total
	U.S.$000 000							
Total North America	**224**	**2 642**	**2 969**	**865**	**1 939**	**3 370**	**5 627**	**11 624**
Canada	128	84	246	99	94	-	438	1 005
United States	96	2 557	2 723	766	1 845	3 370	5 189	10 618
Central America	**15**	**185**	**264**	**75**	**106**	**89**	**659**	**1 118**
Mexico	4	29[a]	62	9	81	32[a]	228	383
South America	**26**	**51**	**96**	**51**	**173**	**262**	**676**	**1 023**
Brazil	8	-	10	7	11	67	138	175
Chile	--	-	-	-	-	-	49	49
Venezuela	16	18[a]	28	32	77	82[a]	133	286
Africa	**153**	**618**	**784**	**265**	**138**	**85**	**714**	**2 054**
Algeria	35	185[a]	188	48	29	8[a]	48	348
Morocco	31	49[a]	60	4	8	2[a]	57	160
Middle East - Africa	119	525[a]	637	477	81	79[a]	599	1 914
- Asia	71	317	363	118	4	42[a]	176	733
Europe	**1 929**	**3 665**	**5 253**	**2 490**	**4 942**	**1 551**	**10 639**	**25 253**
Western Europe	1 823	3 359	4 936	2 382	4 658	1 491	10 255	24 056
Economic Community	1 091	2 988	4 362	2 048	4 047	1 393	8 968	20 516
Belgium-Luxembourg	111	93	224	112	198	55	572	1 218
Denmark	18	200[a]	249	144	47	66[a]	397	855
France	203	218	337	202	618	157[a]	1 174	2 534
Germany, Fed. Rep.	260	526	793	493	1 313	338	2 233	5 091
Greece	30	58	64	8	64	28	119	285
Ireland	5	40[a]	64	35	5	30[a]	180	289
Italy	383	561	839	137	730	72	698	2 787
Netherlands	44	259	470	254	271	114	1 089	2 128
United Kingdom	38	1 033	1 323	663	800	532	2 506	5 329
Scandinavia	419	95	147	159	119	--	395	1 239
Finland	223	--	12	13	19	-	71	337
Norway	62	83	99	54	50	-	139	403
Sweden	135	11	36	92	51	--	185	499
Other Western Europe	268	257	407	162	409	94	831	2 077
USSR	26	18[a]	79	40	141	17[a]	673	959
Other Eastern Europe	151	325	337	121	367	65	446	1 421
Asia	**5 496**	**1 107**	**1 817**	**868**	**1 792**	**673**	**2 932**	**12 905**
China, People's Rep.	874	4	124	80	281	67	394	1 752
Hong Kong	54	2	29	99	2	47	382	567
India	3	--[a]	2	--	39	104[a]	167	212
Japan	3 762	575	828	71	979	163	491	6 131
Korea, Rep. of (South)	567	3	3	-	236	-	55	862
Southeast Asia	82	2	178	98	162	178	700	1 220
Oceania	**2**	**153**	**224**	**53**	**88**	**98**	**494**	**861**
Australia	--	135	199	41	84	88	426	750
New Zealand	1	5[a]	10	3	4	8[a]	46	64
World	**7 871**	**8 439**	**11 487**	**4 706**	**9 319**	**6 146**	**22 414**	**55 797**

[a]FAO estimate.

Note: Canada accounts for only 1.8% of total world import of forest products.

Source: Food and Agriculture Organization of the United Nations. 1984 Yearbook of Forest Products.

IX - 9. WOOD APPARENT CONSUMPTION OF FOREST PRODUCTS, 1984

Trade area	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: News-print	Paper and paperboard: Total
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
Total North America	**580 467**	**112 022**	**128 072**	**35 565**	**64 857**	**12 794**	**73 402**
Canada	159 393	12 082	13 730	3 731	13 606	882	4 674
United States	421 074	99 940	114 342	31 834	51 251	11 912	68 728
Central America	**56 653**	**2 835**	**4 186**	**1 100**	**768**	**389**	**3 425**
Mexico	20 775	1 632[a]	2 000	761	703	266[a]	2 476
South America	**295 760**	**8 955**	**21 761**	**3 178**	**4 002**	**888**	**6 299**
Brazil	222 182	7 395[a]	15 656	2 132	2 478	270	3 281
Chile	14 065	848	1 115	133	346	60	298
Venezuela	1 429	120[a]	405	207	297	156[a]	763
Africa	**418 725**	**5 435**	**13 020**	**1 851**	**1 252**	**641**	**3 262**
Algeria	1 973	1 108[a]	1 126	143	73	20[a]	156
Morocco	1 861	470[a]	574	117	58	4[a]	170
Middle East - Africa	46 306	5 805[a]	7 242	2 274	544	311	1 599
- Asia	39 290	1 834	2 100	352	10	109	459
Europe	**359 450**	**71 635**	**93 088**	**34 177**	**37 412**	**6 714**	**52 521**
Western Europe	270 868	56 204	71 303	26 678	32 811	6 194	46 763
Economic Community	95 057	36 688	47 806	19 967	14 193	4 769	36 122
Belgium-Luxembourg	5 535	1 050	1 658	949	640	223	1 582
Denmark	2 264	1 645[a]	2 121	661	128	173	889
France	36 795	7 045	10 431	2 758	3 405	578	6 811
Germany, Fed. Rep.	26 538	11 139	13 333	7 765	4 868	1 426	10 786
Greece	2 884	519	670	423	152	81	467
Ireland	900	475[a]	540	132	8	54[a]	245
Italy	15 025	4 935	7 308	2 598	2 344	355	5 335
Netherlands	1 220	2 046	2 814	1 081	746	415	2 415
United Kingdom	3 895	7 835	8 931	3 601	1 903	1 465	7 593
Scandinavia	115 438	9 567	10 001	2 473	14 021	660	3 835
Finland	47 393	3 346	3 472	652	6 518	203	1 326
Norway	11 897	2 346	2 397	636	1 410	167	575
Sweden	56 147	3 874	4 132	1 185	6 093	290	1 934
Other Western Europe	45 175	7 587	9 734	3 088	3 656	746	5 716
USSR	338 530	77 042[a]	89 090	12 040	9 137	1 174[a]	9 538
Other Eastern Europe	103 779	17 794	25 547	8 649	5 542	539	6 848
Asia	**978 766**	**53 147**	**93 059**	**17 716**	**16 167**	**5 899**	**36 301**
China, People's Rep.	241 622	15 333	24 879	2 005	2 080	1 330	7 347
Hong Kong	829	12	348	231	3	110	753
India	242 088	1 487[a]	10 992	217	816	545[a]	2 232
Japan	73 892	26 980	33 191	9 603	11 220	2 783	19 422
Korea, Rep. of (South)	12 611	2 387[a]	3 389	980	829	220	2 183
Southeast Asia	244 607	57	10 536	2 048	554	477	2 097
Oceania	**25 415**	**3 739**	**6 267**	**1 220**	**1 748**	**719**	**2 598**
Australia	11 704	1 948	4 249	941	1 053	568	2 096
New Zealand	7 659	1 672[a]	1 734	252	695	147[a]	479
World	**3 053 766**	**334 810**	**448 542**	**106 845**	**135 344**	**29 218**	**187 345**

[a]FAO estimate.

Source: Food and Agriculture Organization of the United Nations. 1984 Yearbook of Forest Products.

IX - 10. APPARENT CONSUMPTION OF FOREST PRODUCTS BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1985

Country/ year	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
A. Canada							
1961	91 109	7 007	8 085	1 374	8 027	422	2 241
1965	100 792	9 226	10 531	1 969	9 810	481	3 031
1970	117 973	8 470	9 811	2 951	11 592	657	3 347
1975	115 955	11 298	12 709	4 168	9 927	661	3 440
1980	157 742	14 600	16 611	3 692	12 842	918	4 094
1981	143 504	12 630	14 220	3 945	12 661	959	4 655
1982	128 768	9 591	10 826	2 788	11 031	1 039	4 096
1983	155 292	13 970	15 295	3 891	12 551	1 011	4 437
1984	163 466	12 084	13 877	3 702	13 606	1 065	4 858
1985	171 284	14 518	16 217	4 084	13 675	1 043	5 158
B. United States							
1961	291 309	69 145	83 454	11 552	23 917	6 655	34 910
1965	320 518	78 193	96 268	17 877	30 712	7 637	42 298
1970	315 422	75 711	93 090	25 203	37 676	9 032	49 773
1975	291 896	71 933	85 697	26 211	37 187	8 503	48 314
1980	399 337	84 022	101 108	27 401	46 448	10 673	60 577
1981	404 209	75 957	91 886	28 385	47 564	10 837	61 307
1982	379 778	76 069	87 211	24 197	45 022	10 219	58 584
1983	420 764	97 751	106 697	30 317	48 091	10 697	63 094
1984	435 230	100 448	114 837	31 834	51 263	11 912	68 575
1985	429 643	102 556	116 876	33 520	49 629	12 324	67 854
C. World							
1961	2 067 194	262 913	344 211	26 335	61 607	14 477	77 466
1965	2 241 074	292 152	382 128	42 080	77 756	16 918	97 206
1970	2 473 640	311 627	413 503	69 839	101 646	21 408	125 898
1975	2 595 637	303 845	404 308	84 380	101 772	20 874	130 406
1980	2 945 169	330 769	447 867	100 583	125 197	25 656	168 263
1981	2 951 170	311 174	426 481	100 321	124 442	26 474	168 749
1982	2 943 501	309 316	420 020	95 129	119 189	25 604	166 365
1983	3 059 594	331 880	440 355	101 161	127 637	26 105	175 667
1984	3 133 861	340 288	458 330	105 690	134 993	28 185	189 348
1985	3 170 613	344 291	464 931	108 663	135 024	29 026	192 346

Source: Food and Agriculture Organization of the United Nations Special Compilation 1985.

IX - 11. PRODUCTION OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1985

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			Newsprint	Total
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
A. Canada							
1961	93 569	18 483	19 644	1 493	10 574	6 095	7 975
1965	103 670	24 302	25 782	2 314	13 221	7 003	9 758
1970	121 385	25 408	26 932	3 288	16 609	7 996	11 253
1975	115 276	25 742	26 715	3 734	14 831	7 010	10 067
1980	158 842	42 895	44 324	4 802	19 945	8 625	13 390
1981	144 572	38 715	39 671	4 711	19 275	8 946	13 835
1982	129 673	36 689	37 746	3 790	17 007	8 117	12 408
1983	156 965	47 161	48 069	4 842	19 221	8 486	13 353
1984	165 185	48 587	49 971	5 044	20 451	9 014	14 222
1985	171 305	52 519	53 867	5 604	20 479	8 991	14 448
B. United States							
1961	289 770	61 086	75 161	10 832	22 759	1 863	30 758
1965	322 564	68 815	86 437	16 412	29 154	1 978	37 866
1970	327 945	64 971	81 854	23 026	37 318	3 143	45 805
1975	307 723	61 867	75 903	25 005	36 808	3 348	45 248
1980	418 453	66 500	84 024	26 224	46 187	4 238	56 839
1981	419 016	59 100	75 441	27 300	47 200	4 753	57 667
1982	396 896	58 700	70 177	23 000	44 786	4 574	54 899
1983	437 761	70 372	83 891	28 400	47 660	4 687	58 804
1984	452 215	73 508	88 375	29 611	50 398	5 029	62 366
1985	448 488	72 367	86 800	30 798	49 061	4 923	60 959
C. World							
1961	2 064 176	263 251	344 219	26 281	61 531	14 362	77 494
1965	2 235 834	293 171	382 476	41 893	77 806	17 017	97 615
1970	2 474 431	312 099	414 553	69 560	101 936	21 492	126 482
1975	2 597 646	304 700	405 042	84 435	102 132	20 442	130 474
1980	2 941 956	333 479	450 431	101 249	125 777	25 385	169 701
1981	2 945 040	313 542	428 494	100 438	125 117	26 497	170 185
1982	2 941 053	311 100	421 675	95 076	119 500	24 948	166 392
1983	3 052 853	334 852	447 793	101 640	128 143	25 988	176 956
1984	3 127 130	342 897	461 357	105 738	135 174	27 896	190 039
1985	3 165 020	344 974	465 162	108 788	134 891	28 318	192 792

Source: Food and Agriculture Organization Special Compilation 1985.

IX - 12. EXPORTS OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1985

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			Newsprint	Total
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
A. Canada							
1961	3 781	11 832	12 169	210	2 603	5 673	5 881
1965	4 950	15 458	15 932	468	3 495	6 523	6 871
1970	5 598	17 337	17 743	579	5 063	7 339	8 073
1975	2 402	15 305	15 522	482	4 986	6 349	7 158
1980	4 249	28 966	29 326	1 344	7 244	7 707	9 555
1981	3 930	27 293	27 631	1 218	6 752	7 987	9 558
1982	3 564	27 605	27 903	1 171	6 123	7 078	8 642
1983	5 022	33 964	34 249	1 265	6 823	7 475	9 341
1984	5 737	37 131	37 484	1 619	7 040	7 949	9 903
1985	4 635	38 664	39 004	1 819	7 024	7 948	9 830
B. United States							
1961	2 662	1 450	1 797	43	1 068	165	946
1965	5 796	1 969	2 304	86	1 272	76	1 490
1970	16 391	2 720	3 035	304	2 808	150	2 421
1975	18 198	3 248	4 073	1 025	2 391	150	2 569
1980	22 362	4 647	5 834	968	3 392	159	4 120
1981	17 849	4 477	5 618	1 315	3 322	245	3 576
1982	19 759	3 818	4 694	917	3 060	279	3 288
1983	20 269	4 332	5 522	1 135	3 275	268	3 577
1984	19 937	3 748	5 016	1 048	3 215	278	3 488
1985	21 368	3 555	4 534	936	3 415	285	3 215
C. World							
1961	38 351	36 352	40 981	3 084	9 773	7 732	12 77[illegible]
1965	49 768	43 950	49 434	5 292	12 480	8 985	16 48[illegible]
1970	96 398	49 348	57 424	9 728	16 921	10 641	23 387
1975	100 943	43 250	52 410	12 436	15 078	9 369	23 074
1980	117 721	66 021	79 707	16 323	21 188	12 321	35 034
1981	101 138	60 730	72 623	16 759	20 197	12 922	35 356
1982	100 132	61 525	73 234	15 419	18 533	11 508	33 617
1983	102 113	70 662	83 832	17 390	21 022	12 155	36 746
1984	104 439	72 840	86 198	17 961	21 484	13 146	39 809
1985	107 749	73 757	85 953	18 920	21 771	13 403	40 292

Source: Food and Agriculture Organization Special Compilation 1985.

IX - 13. EXPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1985

Country/ year	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total	Total forest products
				U.S.$000 000				
A. Canada								
1961	39	343	366	35	332	730	764	1 535
1965	50	456	490	70	459	809	866	1 935
1970	71	614	650	77	753	1 065	1 192	2 743
1975	58	933	961	94	1 789	1 714	1 980	4 881
1980	172	2 793	2 884	274	3 311	3 143	3 883	10 523
1981	162	2 471	2 553	255	3 186	3 608	4 272	10 428
1982	175	2 311	2 378	251	2 622	3 309	3 975	9 401
1983	222	3 169	3 238	301	2 481	3 250	3 998	10 240
1984	268	3 232	3 306	349	3 019	3 695	4 577	11 519
1985	207	3 316	3 381	355	2 484	3 958	4 794	11 221
B. United States								
1961	55	62	84	10	159	23	212	521
1965	127	94	120	23	190	11	317	777
1970	407	162	194	42	464	19	515	1 621
1975	871	342	413	222	897	52	1 101	3 504
1980	2 007	778	1 054	284	1 629	86	2 017	6 990
1981	1 585	653	926	349	1 656	140	2 013	6 528
1982	1 528	576	805	251	1 408	143	1 714	5 706
1983	1 372	596	898	311	1 351	127	1 719	5 651
1984	1 374	530	835	236	1 483	114	1 813	5 742
1985	1 451	493	754	228	1 343	131	1 599	5 335
C. World								
1961	669	1 344	1 608	407	1 205	1 001	2 088	5 977
1965	926	1 701	2 045	686	1 598	1 125	2 689	7 944
1970	1 898	2 180	2 688	1 146	2 498	1 493	4 336	12 567
1975	3 731	3 839	4 976	2 273	5 344	2 729	9 492	25 816
1980	8 781	9 093	12 351	5 160	9 543	5 293	20 046	55 882
1981	6 669	7 688	10 266	4 922	9 279	5 868	20 038	51 174
1982	6 303	7 014	9 441	4 318	7 773	5 282	18 700	46 535
1983	5 913	8 066	10 834	4 655	7 690	5 069	18 519	47 611
1984	5 408	7 991	10 623	4 470	9 047	5 590	20 657	50 205
1985	5 502	7 713	10 077	4 486	8 352	5 992	21 531	49 948

Source: Food and Agriculture Organization of the United Nations Special Compilation 1985.

IX - 14. IMPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1985

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard		Total forest products
		Softwood lumber	Total			Newsprint	Total	
				U.S.$000 000				
A. Canada								
1961	14	15	31	14	8	-	42	108
1965	27	17	36	20	12	-	51	146
1970	30	21	39	36	8	-	48	161
1975	63	70	127	143	28	-	247	607
1980	82	92	251	76	64	-	224	697
1981	84	108	255	129	67	-	321	855
1982	80	58	157	54	68	-	273	632
1983	102	99	240	95	66	-	338	841
1984	[illegible]	84	246	99	94	-	438	1 005
1985	136	82	230	100	91	-	424	980
B. United States								
1961	39	274	315	108	303	687	718	1 483
1965	35	318	375	192	398	790	833	1 834
1970	46	424	487	265	480	930	1 022	2 300
1975	52	834	920	334	1 037	1 457	1 614	3 957
1980	94	1 767	1 915	586	1 673	2 638	3 314	7 582
1981	97	1 699	1 851	660	1 753	2 825	3 347	7 709
1982	91	1 569	1 671	504	1 485	3 749	4 338	8 089
1983	114	2 646	2 800	853	1 485	2 817	3 734	8 987
1984	96	2 557	2 723	766	1 845	3 370	5 067	10 496
1985	80	2 772	2 942	791	1 517	3 720	5 222	10 551
C. World								
1961	936	1 509	1 841	435	1 316	1 125	2 230	6 758
1965	1 357	1 925	2 361	730	1 743	1 251	2 870	9 062
1970	2 721	2 441	3 021	1 184	2 650	1 619	4 568	14 144
1975	5 187	4 222	5 537	2 309	5 594	3 117	10 151	28 827
1980	12 468	10 181	13 970	5 237	9 777	5 758	20 846	62 298
1981	8 999	8 276	11 423	5 135	9 615	6 160	20 832	56 004
1982	8 517	8 136	11 110	4 580	8 459	6 932	21 589	54 255
1983	8 039	8 740	11 771	4 757	8 096	5 556	20 004	52 667
1984	7 994	8 464	11 504	4 674	9 336	6 065	22 265	55 779
1985	7 599	8 321	11 219	4 650	8 619	6 488	23 087	55 174

Source: Food and Agriculture Organization of the United Nations Special Compilation 1985.

SECTION X

USER'S GUIDE

- Definitions of terms
- Trade area groupings

X. USER'S GUIDE

A. Definitions of Terms

Age class: Any interval into which the age range of trees, forests, stands, or forest types is divided for classification and use. Also the tree, forest, stand, or forest type falling into such an interval.

Balance of trade: The difference between the dollar, or money value, of a country's exports and imports of merchandise or of goods and services. If a country exports more than it imports, it has a trade surplus; if it imports more than it exports, it has a trade deficit. The balance of trade is an important part of a country's overall balance of payments.

Cansim (Canadian Socio-Economic Information Management System): A fully computerized data bank of Statistics Canada's current and historical information from its most widely used series of statistics.

Clear-cut: An area of forest land from which all merchantable trees have recently been harvested.

Constant dollar: Represents the value of expenditure or production measured in terms of some fixed base period's prices. (Changes in constant dollar expenditure or production can only be brought about by changes in the physical quantities of goods purchased or produced.)

Consumer price index: Measures the rate of change in a typical basket of consumer goods and services, including housing, food, and health care. It can be broken down into food and nonfood items, goods and services, and other components.

Domestic exports: Include both goods that are wholly produced in Canada and goods previously included in import statistics and which have been changed in form by further processing and then exported.

Employment, census of manufactures: Excludes working owners and partners of unincorporated businesses, which are separately tabulated. Respondents are asked for average number employed during the year. Production and related workers in manufacturing activity include those employees at the establishment engaged in processing, assembling, storing, inspecting, handling, and packing products and in maintenance, repair, janitorial, and security services; and working foremen. (Outside pieceworkers' remuneration is included in cost of materials.)

Employment, labor force survey: Persons who, during the reference period: a) did any work at all, for pay or profit in the context of an employer-employee relationship, or were self-employed (including unpaid family work, which is defined as work contributing directly to the operation of a family farm, business, or professional practice owned or operated by a related member of the household); or b) had a job but were not at work due to own illness or disability, personal or family responsibilities, bad weather, labor dispute, or other reasons (excluding persons on layoff and those with a job to start at a future date).

Even-aged: Of a forest, stand or forest type in which relatively small age differences exist between individual trees. (The maximum difference in age permitted is usually 10 to 20 years; if the stand will not be harvested until it is 100 to 200 years old, larger differences up to 25% of the rotation age may be allowed.)

Establishment: The smallest unit capable of reporting certain specified input and output data; usually a plant or mill. Numbers for 1975 declined owing to the exclusion of existing establishments deemed to have no paid employees. Principal statistics of an establishment active in more than one municipality are prorated to "quasi-establishment" locations, which are treated as establishments in compilations.

Exports: Sum of domestic exports and re-exports.

Forest biomass: It is the mass of the above-ground portion of live trees; it is expressed as ovendry tonnes; it includes small-diameter trees and it excludes dead trees and branches, roots, and nonwoody vegetation.

Forest land: Land primarily intended for growing, or currently supporting, forest. Includes land not now forested, e.g. clear-cut lands; northern lands that are forested, but not intended for any use; and plantations.

Fuel and electricity (cost of): Consumption of purchased fuel and electricity only, at laid-down cost including transportation and handling charges, duties, etc. Applies to large establishments only. Data for nonmanufacturing activity are included under manufacturing activity except where an ancillary office uses a separate "head office" report. In this latter case, the fuel reported is included under cost of materials for "Total Activity" only.

Gross merchantable volume of wood: Volume of the main stem, excluding stump and top but including defective and decayed wood, of trees or stands of trees.

Growing stock: The sum (by number, basal area, or volume) of trees in a forest or specified part of it.

Hardwood(s): Trees belonging to the botanical group Angiospermae with broad leaves usually all shed annually. Also, stands of such trees and the wood produced by them.

Immature: In even-aged management, those trees or stands that have grown past the regeneration stage, but are not sufficiently developed to be harvestable (except for thinning operations).

Implicit price index: The most comprehensive of all the indicators available in Canada for measuring price change, because it covers the entire range of goods and services produced and sold in the economy. It is, therefore, used as a measure of price change taking place in the economy as a whole. Moreover, implicit price indexes are available for each of the main expenditure components of Gross National Product. Therefore, this set of indicators can be used to trace and identify pressure points among the principal areas of demand as they are seen to be associated with inflationary developments in the economy.

Imports: Goods and services that are consumed in one country, Canada, for example, but produced in other countries. It includes all goods that are cleared by customs on arrival in Canada, together with goods that are held in customs warehouses. The following commodity movements are excluded from import statistics: settlers' effects; private donations and gifts; goods imported by foreign representatives in Canada or brought back by Canadians returning from postings abroad; and temporary imports for exhibition or competition, including films. Bunker supplies and ships' stores purchased by Canadian vessels or aircraft abroad, temporary imports, and goods merely in transit through Canadian territory are not reflected in any of the statistics.

Indirect taxes: Taxes that represent a business cost or that are incorporated into prices at the retail level are taken here as indirect. They constitute, in effect, taxes on expenditure.

Inventory (forest): A survey of a forest area to determine such data as area condition, timber, volume and species, for specific purposes such as planning, purchase, evaluation, management or harvesting.

Lumber: The product of saw and planing mills that is not further manufactured beyond sawing, resawing, passing lengthwise through a standard planing machine, crosscutting to length, and matching.

Materials and supplies (cost of): Generally, consumption of purchased items only at laid-down cost including transportation and handling charges, duties, etc. Includes transfers between units of the same company and work done on contract by others. At the manufacturing activity level, this item represents purchased items used in manufacturing operations.

Mature: In even-aged management, those trees or stands that are sufficiently developed to be harvestable (includes overmature trees and stands).

Mechanical wood pulp: The production of fibers and fiber bundles by grinding wood with pulpstones or by mechanical refiners as opposed to chemical methods.

Nonreserved (land): Forest land that by law is available for the harvesting of forest crops.

Overmature: Trees or stands of trees past rotation age. Openings in canopy as a result of mortality are becoming apparent.

Paper: Generally, a matted or felted sheet of vegetable fiber, formed on a screen from a water suspension, used for writing and printing as well as for wrapping and many other purposes. Paper is one of two broad subdivisions of the general term "paper"; the other is paperboard.

Paperboard: A general term describing sheets made of fibrous material 0.012 in. (0.3 mm) or more in thickness. Compared with paper, paperboard is heavier per unit area, thicker, and more rigid. Paperboard is the term used to describe any single variety, or group of varieties, of board materials used in the production of boxes, folding cartons, and solid fiber and corrugated shipping containers.

Particleboard: A generic term for a panel manufactured from lignocellulosic materials - commonly wood - essentially in the form of particles (as distinct from fibers). These materials are bonded together with synthetic resin or other suitable binder, under heat and pressure, by a process wherein the interparticle bonds are created wholly by the added binder.

Plywood: A composite panel or board made up of cross-banded layers or plies, bonded with an adhesive, of veneer only, or veneer in combination with a core of lumber, or of particleboard. Generally the grain of one or more plies is roughly at right angles to that of the other plies. An odd number of plies is almost always used.

Production: The use of raw materials to create producer and consumer goods through various refining, processing, and manufacturing activities.

Productive (land): Forest land that is capable of producing a merchantable stand within a reasonable length of time.

Re-exports: Include only goods previously included in import statistics and which are exported from Canada in the same form as when imported. Minor operations such as sorting or blending are not considered as changing the condition of imported goods.

Reforestation: The process of rebuilding a forest after it has been logged, or after a fire or other natural processes such as disease kill the timber. Reforestation is accomplished through a variety of methods, including the planting of seedlings, the sowing of seed, or natural regeneration from "seed trees". (Before replanting, the ground usually is cleared of most of the debris, and efforts are made to limit the growth of brush and grasses that would compete with the seedlings for water and light.

Regeneration: The renewal of a forest crop by natural or artificial means. Also, the new crop so obtained. The new crop is generally less than one metre in height.

Reserved (land): Forest land that by law is not available for the harvesting of forest crops.

Roundwood: Sections of tree stems, with or without bark. Includes logs, bolts, posts, pilings and other products still "in the round".

Salaries and wages: These are compiled before deductions for income tax and employee-paid portions of both employee benefits and social insurance. They include payments for regular work, overtime, and paid leave as well as bonuses, commissions paid to regular employees, severence pay, etc. Withdrawals of working owners and partners of unincorporated businesses are excluded.

Sash: A frame structure, normally glazed (e.g., a window), that is hung or fixed in a frame set in an opening.

Seedling: A young tree having a diameter at breast height equal to or less than 1 cm. Includes trees with a height less than 1.30 m.

Selling price index: An index that shows changes in the overall inflation rate or the rate of price change for a particular sector of the economy, with the base year equal to 100.

Semichemical pulp: Pulp obtained by mild treatment of wood chips by any of the chemical pulping processes, which remove only part of the lignin from the wood chips, followed by mechanical treatment to complete the separation of individual cellulose fibers.

Shakes: In construction, a type of shingle usually hand split from a bolt and used for roofing or weatherboarding.

Shingles: Thin, rectangular pieces of wood, sawn along the grain and tapering in thickness, used like tiles for roofing and weatherboarding.

Silviculture: The theory and practice of controlling the establishment, composition, care, and development of stands of trees to achieve the objectives of management.

Softwood(s): Cone-bearing trees with needle - or scale - like leaves belonging to the botanical group Gymnospermae. Also, stands of such trees and the wood produced by them.

Stocked forest land: Land supporting tree growth. In this context, tree growth includes seedlings and saplings.

Subsidies: Direct or indirect payments or other assistance to someone to produce goods or services - in order that the consumer may benefit from lower prices, to protect producers against a decline in the price of their products, to encourage certain types of economic production, or to promote certain types of socially desirable activity.

Sulphate (kraft) pulp: A chemical wood pulp obtained by cooking wood chips at high temperature in a solution of sodium hydroxide and sodium sulfide.

Sulphite pulp: A chemical wood pulp obtained by cooking wood chips in a bisulfite-sulfurous acid solution.

Uneven-aged: Of a forest, stand, or forest type in which intermingling trees differ markedly in age. (The minimum difference in age permitted in an uneven-aged stand is usually 10 to 20 years).

Unproductive: Forest land that is incapable of producing a merchantable stand within a reasonable length of time. Includes muskeg, rock, barrens, marshes, meadows, etc., within the forest land area.

Value added, manufacturing activity: Value of shipments of goods of own manufacture plus net change in inventory of goods in process and finished goods, less cost of materials and supplies used, fuel, and electricity.

Valued added, total activity: Consists of value added, manufacturing activity and value added, nonmanufacturing activity. The latter is calculated by subtracting relevant commodity inputs from nonmanufacturing revenue or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Nonmanufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude nonoperating revenue such as real property rentals, dividends, and interest.

Value of shipments of goods of own manufacture: Net selling value of goods made by reporting establishment, or for its account, from its own materials. Excludes discounts, returns, allowances, sales tax, excise taxes and duties, returnable containers, and common or contract carriers' charges for outward transportation (but not own carriers' delivery expense). Includes repair and custom revenue, transfer to reporting units of same firm, all exports, and book value of own products shipped the first time on a rental basis. Includes consignment shipments to other countries, but domestic consignment shipments are included in inventory units sold.

Veneer: A thin layer or sheet of wood.

Waferboard: A type of particle board composed of wafers cut from roundwood bolts (mostly poplar) of uniform length and thickness resembling small pieces of veneer. The wafers are bonded together with resin binder, under heat and pressure, by a process similar to that by which particleboard is made.

Working owners and partners: Include only those active in unincorporated businesses.

B. Trade area groupings

Countries are arranged primarily according to geographical location. The country classification employed does not reflect the views or intentions of the Government of Canada on international issues of recognition, sovereignty, or jurisdiction. The trade areas shown in section III (Statistics Canada) and section IX (FAO) include groupings that are defined as follows:

China, People's Republic: China, Mongolia, and Taiwan.

European Economic Community (EEC): Belgium-Luxembourg, Denmark, France, Germany (Federal Republic), Greece, Ireland, Italy, Netherlands, and United Kingdom.

Southeast Asia: Indonesia, Malaysia, Philippines, Singapore, and Thailand.

Middle East - African part: Arab Republic of Egypt, Ethiopia, Libya, Somalia, and Sudan.

Middle East - Asian part: Bahrain, Cyprus, Emirates (United Arab), Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman (Muscat), Qatar, Kingdom of Saudi Arabia, Syria, Turkey, Yemen South, and Yemen North.

Other Western Europe: Austria, Gibraltar, Iceland, Malta, Portugal, Spain, Switzerland.

Other Eastern Europe: Albania, Bulgaria, Czechoslovakia, Germany (East), Hungary, Poland, Romania, and Yugoslavia.

Note: To facilitate the comparison with certain studies published by FAO, **Mexico** is assigned to Central America instead of North America.